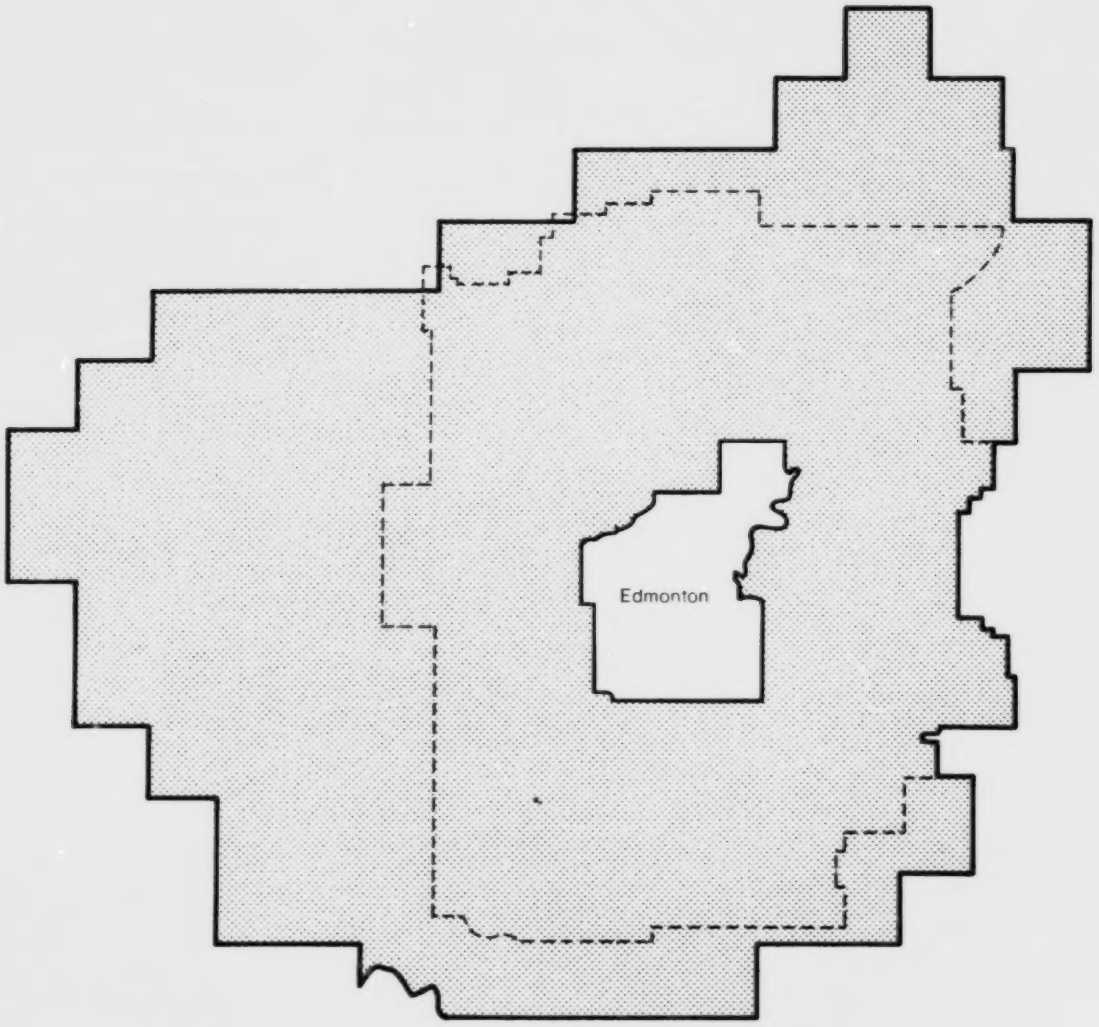
E.M.R.P.C. MARKET AREAS SURVEY

EDMONTON REGION

(DATA)



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OUR FILE .....

YOUR FILE .....

December 6, 1983

RE: Market Areas Survey (Second Printing)

The Edmonton Metropolitan Regional Planning Commission Market Areas Survey was undertaken by the Commission with the assistance of H.L.A. Consultants Ltd. during March, April and May of 1983. Funding for the survey was obtained from the Commission's 1982-1983 operating budget and approved by the Commission February 2, 1983.

This report provides very detailed information concerning the shopping and travel patterns of metropolitan area residents. A second printing was necessary because of wide public interest in the survey data.

The results of the survey are expected to be useful to both the private and public sectors. In particular, individual municipalities should find the survey's results useful in their preparation, review and monitoring of community plans, in the formulation of municipal economic development programs as well as in the preparation of commercial renewal plans.

The availability of this economic data should assist both the public and private sectors in their evaluation of development proposals and in particular assist small businessmen who may be considering changes to their particular commercial operations.

Copies of this report have been made available to each Commission area municipality as well as to interested government departments. Individual businesses desiring further analysis and interpretation of the results should contact Alberta Tourism and Small Business, Small Business Assistance Branch.

Those requiring additional information are encouraged to contact the Edmonton Metropolitan Regional Planning Commission.

Yours truly,

R. N. Giffen
Executive Director

RNG/ig

E. M. R. P. C.

M A R K E T A R E A S S T U D Y

(D A T A)

Prepared by the
EDMONTON METROPOLITAN REGIONAL PLANNING COMMISSION

September 1983, Second Printing December 1983

ACKNOWLEDGEMENTS

The Edmonton Metropolitan Regional Planning Commission Municipal Planning and Research staff are indebted to many groups and individuals for their assistance in this research.

Firstly, we gratefully acknowledge the cooperation of the staff of the rural municipalities of the Edmonton metropolitan planning region and adjacent areas in the compilation of the rural households' lists. Without their enthusiastic assistance the successful administration of the survey would have been virtually impossible.

We also wish to acknowledge the excellent work of the consulting firm HLA Consultants which, under the direction of R. Lefrancois and C. Reid, finalized the survey questionnaire, administered the survey and entered the data on tape.

We especially wish to thank all those residents of the study area who gave of their time to answer our many questions. The willingness with which the questionnaires were answered indicates considerable public interest in matters of local and regional planning.

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1.0 INTRODUCTION

In 1971 the Edmonton Regional Planning Commission undertook a market areas study and published the results in a report entitled Market Areas and Service Centres in the Edmonton Region Planning Area. The study was based on an area-wide household survey and its objectives were:

(1) to determine the linkages which existed between the urban centres of the Region;

(2) to determine the general orientation of rural residents to urban centres; and

(3) to distinguish levels of service areas for the centres of the Region.

Commercial information derived from the household survey was summarized in the report by a series of maps which defined three distinct types (levels) of service (trade) areas[1] and depicted the travel patterns of rural residents.

Over the last decade the results of the 1971 market areas study have been extensively used in both private and public planning for commercial facilities in the Commission's member municipalities. The study was particularly useful in the preparation of the general municipal plans.

However, for more than a decade rapid regional population growth has occurred increasingly beyond the City of Edmonton's boundaries and has altered the distribution of population and commercial facilities in the Edmonton region. Thus, the 1971 information about the regional shopping and travel patterns has been rendered obsolete and the need for an update has become very evident.

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[1] Based on the three levels of service provided by the urban centres of the Region, three different types of service areas were identified by the study. The functions used as service level indicators were as follows:

for class one service areas - car or truck purchase, doctor services, dentist services and newspaper;

for class two service areas - place of work (if off-farm), curling, farm machinery purchases, fairs and exhibitions, hair cuts, banking;

for class three service areas - church, grocery store, car or truck service centre, school, hardware store.

The functions (goods or service) representing different service level classes were chosen for their display of a range according to the frequency of their use and the frequency of their occurrence within the Region.

The main purpose of the present Edmonton Metropolitan Regional Planning Commission (E.M.R.P.C.) market areas' research is to update and expand the data base of the 1971 study and to use current information to describe and analyze emerging shopping and travel patterns in the Edmonton metropolitan region.

The data collection phase of the research project has recently been finalized and its results are published in the present report. The analysis phase of the project will be presented in a special paper to be published at a later date.[2]

2.0 RESEARCH METHODOLOGY

2.1 Study Area

The study area chosen for the project (Map 2A) includes 128 townships (or parts of townships) and extends beyond the E.M.R.P.C. boundaries, particularly to the west, in order to cover as completely as possible the market areas of the E.M.R.P.C.'s urban municipalities.[3]

2.2 Data Collection

As in the 1971 study, information about the spatial shopping behaviour of the study area residents was collected by means of a household survey.[4]

In contrast to the 1971 study, which used a mail-out, mail-back approach in administering the survey questionnaire, the present study's information gathering system has been

---

2 The data report is being published separately from the data analysis paper in order that the household survey results may be made available to the municipalities and interested individuals as soon as possible.

3 Except for the market area of the City of Edmonton, which extends well beyond the metropolitan area boundaries.

4 The three types of surveys commonly employed in market area information gathering, are:

(a) A Survey of Establishments - the operators of commercial establishments are questioned about the number and geographic origin of their customers.

(b) A Customer Survey - the users of a particular establishment or group of establishments are interviewed on location and asked where they have come from to purchase a particular good or service.

(c) A Survey of Households - householders are interviewed in their homes to find out where they buy the goods and services they consume.

I.D. 15

Fort Assiniboine

Lesser Slave

County of Athabasca

Rochester

No. 12

Dapp

M.D. of Westlock

Newbrook

I.D. 18

Beaver River Metis Colony No. 7

County of Barrhead

County of Thorhild

County of Smoky Lake

No. 13

Thunder Lake Provincial Park

Campsie

BARRHEAD

WESTLOCK

Clyde

Thorhild

No. 92

No. 7

SMOKY LAKE

Waskatenau

Warspite

No. 11

Egremont

Radway

Green Court

Meadowview

MAYERTHORPE

Rochfort Bridge

Sangudo

Lac La Nonne

Barrhead

Legal

REDWATER

Federah

Alcomdale

Peaver

Andrew

County of Two Hills

Willingdon

Nakamun Park

Mearns

M.D. of Sturgeon No. 90

BON ACCORD

Rich Valley

Nakamun

County of Lac Ste. Anne

Clarkfield

Edmonton

Alexander Indian Reserve No. 134

MORINVILLE

GIBBONS

Sandy Beach

Rivers Our Barre

Lardell

BRUDERHEIM

LAMONT

St. Michael

County of Lamont

Hairy Hill

No. 21

Alexis Indian Reserve No. 133

No. 28

Rosshaven

Yellowstone

Onoway

Cattle Island

Sunset Point

West Cove

Lac Ste. Anne

Lalahme

Nelmac

Namao

Chipman

No. 30

Darwell

Albert Beach

Val Quentin

Lake Isle

Scott Acres

Silver Sands

Evansburg

Entwistle

Gainford

Hillard

MUNDARE

County of Minburn

Royal Park

Wabamun

Lake Area

Point Alison

Sandy Beach

Betula Beach

Sunnybrae

Duffield

Carvel

Edmonton Beach

Wabamun Indian Reserve No. 133A

SPRUCE GROVE

STONY PLAIN

ST. ALBERT

C.F.B. Namao

EDMONTON

Winterburn

Stony Plain Indian Reserve No. 135

Ardrossan

SHERWOOD PARK

No. 20

County of Strathcona

I.D. 13

Elk Island National Park

I.D. 14

County of Parkland

Highvale

No. 31

Lamoureux

Keephills

Golden Spike

VEGREVILLE

No. 27

TOFIELD

DEVON

BEAUMONT

Leduc

Nisku

Edmonton International Airport

County of Beaver

Rock Rapids

DRAYTON VALLEY

St. Francis

Tribbledale

CALMAR

New Sarepta

Ryley

No. 9

Holden

County of Leduc

Thorsby

No. 25

LEDUC

Bolly View

Mquelon Lake Provincial Park

Warburg

Sunnybrook

Kavanagh

Bay Lakes

County of Camrose

Armena

Breton

Rock Creek

Millet

No. 22

Sundance Beach

Mission Beach

Esther Home

Baska Beach

Golden Days

Mulhurst

Argenta Beach

Silver Beach

Pipestone

CAMROSE

Pigeon Lake Provincial Park

Poplar Bay

Grandview

Lakedell

Crystal Springs

Westerose

Ma-Me-O Beach

Pigeon Lake Indian Reserve No. 166

Battle Lake

Wetaskiwin

Buttern Lake

Gwynne

Winfield

Beck Lake

I.D. 10

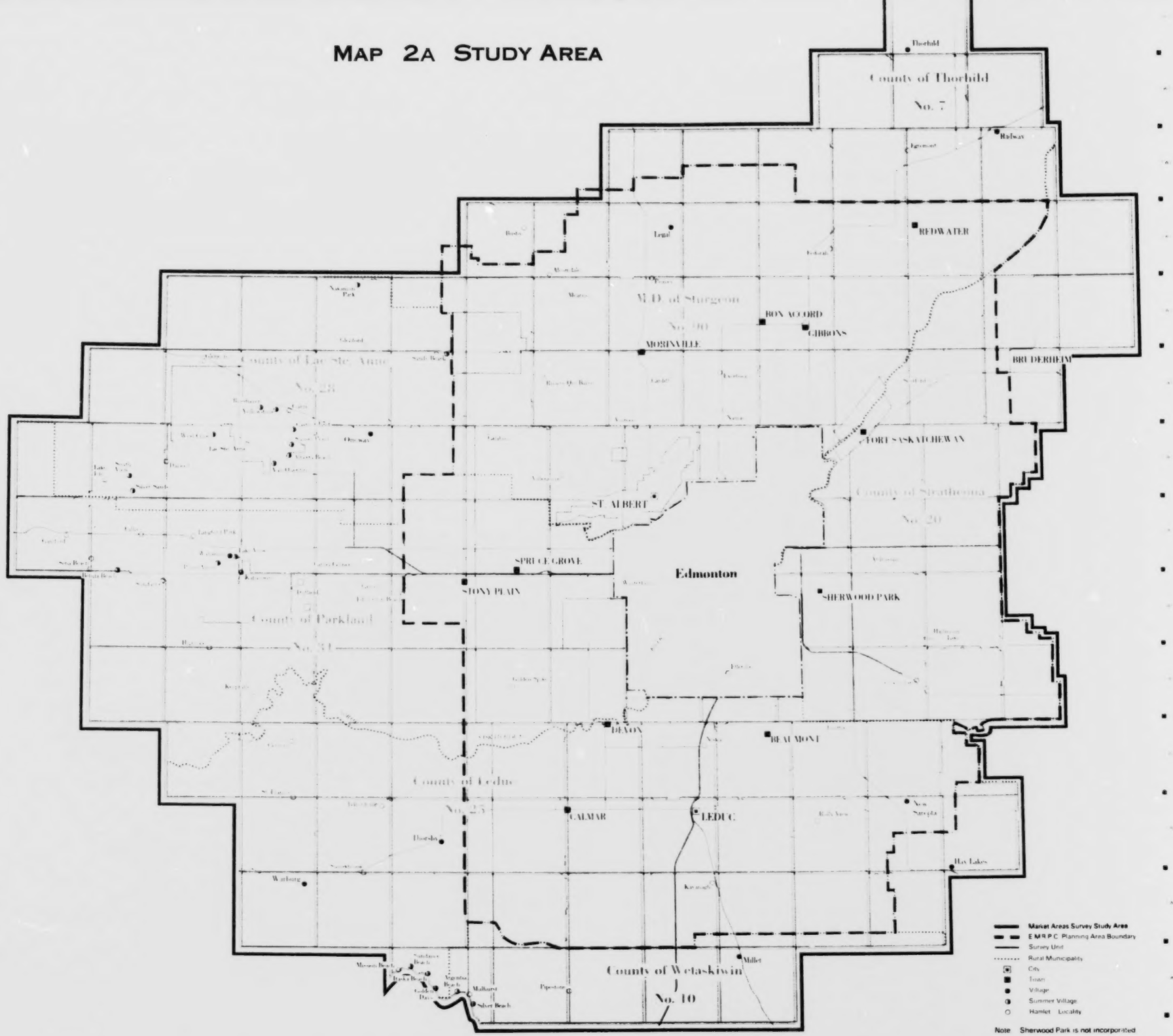
Duhamel

MAP 1 REGIONAL SETTING

- Market Areas Survey Study Area
- E.M.R.P.C. Planning Area Boundary
- Rural Municipality
- City
- Town
- Village
- Summer Village
- Hamlet / Locality

Note: Sherwood Park is not incorporated

MAP 2A STUDY AREA



Note: Sherwood Park is not incorporated

based on telephone interviews.[5] The telephone interview method was chosen because of its cost-effectiveness and ability to provide a relatively high and properly distributed response rate. The survey was conducted in March, April and May of 1983.

2.3 Questionnaire

The 13 questions asked were worded to be suitable for telephone administration. In addition to inquiries about spatial shopping habits, the questionnaire included questions about travel patterns, place of employment, occupation, and income of the study area residents. The original questionnaire was pretested and then slightly modified before use in the survey. Two of the questions asked were specifically formulated for rural residents while the remainder of the questionnaire was uniform for all the households.[6]

2.4 Survey Population

The survey population[7] was made up of all the households in the study area with the exception of the City of Edmonton's residents.[8]

2.5 Sampling Frame

Alberta Government Telephones telephone directories were used for the urban component of the sampling frame.[9] County (M.D.) tax rolls, arranged by township and range, were the basis for the rural portion of the sampling frame. A screening question was included in the introduction to

---

5 There are three basic methods of questionnaire administration:

(a) personal interviews;
(b) telephone interviews; and
(c) the use of mail-out, mail-back self-administered questionnaires.

A combination of the last two methods can also be used with the questionnaire being mailed out and followed up by telephone calls to obtain responses after the first mail back.

6 The full text of the questionnaire is included in the appendix.

7 In statistics a population is a collection of elements about which we want to make inferences. (In our case elements are households.)

8 A four section area, located in the northeastern corner of Edmonton's new boundaries, was covered by the survey as it was expected this area would be an extension of the Town of Fort Saskatchewan's trade area.

9 A sampling frame is a list of elements from which a sample is drawn.

the rural survey in order to eliminate absentee landowners from the frame and to ensure the inclusion of renters living in rural areas.

The rural segment of the sampling frame, based on the tax rolls, did not include the native population living on reserves. Because band lists are confidential they could not be used for the survey and as a result, Indian reserve households were not included in the survey.

2.6 Sampling Design

The sampling method used for the survey was a systematic, geographically stratified sampling. The stratification process was carried out down to the level of individual townships and individual urban municipalities of the E.M.R.P.C. planning region.[10] Urban centres located outside the E.M.R.P.C. planning area were, for sampling purposes, combined with the townships in which they were located.

Based on the combined considerations of a fixed budget and desired quality of data the statistical confidence level was targeted at 90 percent with a bound on the error of estimation of ±10 percent for the individual townships (survey units) and at 90 percent with a bound on the error of ±5 percent for the urban centres of the E.M.R.P.C. planning area.[11] These considerations determined targeted sample sizes for individual strata (survey units).

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10 Edmonton was excluded from the survey except for a four section area in the northeastern corner of the City which was treated as a separate rural survey unit.

11 The ultimate objective of statistics (as a theory of information) is to make inferences about a set of measurements (a population) on the basis of a subset of measurements (a sample). The usefulness of sample information for estimation of population values (parameters) depends on the size of error inherent in sample information and on the degree of certainty with which a particular error size can be expected. The concepts "bound on the error of estimation" and "confidence level" are the means of assessing the validity of estimators derived from a sample. The 90 percent confidence level with a ±5 percent error bound in this case means that we can be 90 percent certain that the error of our estimates of proportions will be within ±5 percent of the correct (population) value.

It may be noted in this context that in terms of the necessary sample size the significance level of 90 percent with a ±5 percent error bound is approximately equivalent to the significance level of 95 percent with a bound on the error of estimation of ±6 percent.

The response to the survey was generally very good. Of the telephone numbers drawn for the sample, 72 percent provided answers to the survey questionnaire and only 11 percent refused to respond.[12] The total number of completed questionnaires obtained from the study area as a whole was 8,540. This figure includes 3,020 completions from the urban centres of the E.M.R.P.C. planning region and 5,520 completions originating in the rest of the study area.

While the targeted numbers of completions generally were achieved for the urban municipalities, the levels for some of the townships were lower due to the technical difficulties in obtaining telephone numbers of rural residents. This means that the targeted confidence levels and error bounds generally have been satisfied for urban completions, but not completely so for some of the townships.

For some items of the collected data, the levels of confidence are lower than originally desired.[13] This resulted from a variability in the response rate to some of the questions contained in the questionnaire. However, once the data from several survey units-townships are grouped for a trade area analysis, the confidence levels can generally be expected to be higher and/or error bounds lower than those originally targeted for by the survey design. Information concerning questionnaire completion numbers and achieved sample sizes for individual goods and services is summarized in Appendix 2.

3.0 SURVEY RESULTS

The method chosen to display the survey information is intended to provide as much detail as possible in a brief form which is easily usable by market or service area analysts. Tables have been used to show the service linkages among the urban municipalities and a combination of maps and tables depicts the orientation of the rural areas to their urban service centres.

Map 1 shows the regional setting of the study area and the E.M.R.P.C. planning region. Map 2A presents the study area and the E.M.R.P.C. planning region boundaries as well as the boundaries of the individual rural survey units.[14] Map 2B, showing

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12 The remaining 17 percent of the telephone numbers from which a response was not obtained included the following:
(a) telephone numbers were not in service;
(b) the landowner contacted had no renters on the property;
(c) business telephone numbers; and
(d) the quota for the geographic area had been reached and no further contacts were necessary.

13 This concerns all the geographical areas (townships, urban centres) subject to separate sampling.

14 Survey units are the small geographical areas (rectangles or parts of rectangles) corresponding, for the most part, to townships or parts of townships. These are the smallest geographical areas for which separate survey information was collected.

location codes for the rural survey units, was added for the convenience of the users of the data. The remaining maps numbered 3 to 28, and the 28 tables display information obtained from the household survey.

The survey results provide two types of data useful in the evaluation of regional travel patterns - information about the place of employment and about the frequency of travel to Edmonton for shopping and other purposes. Table 1 shows employment locations for E.M.R.P.C. area urban residents and Map 3 summarizes the same information for rural residents.[15] Although, the table is self-explanatory, the data on the map requires a brief explanation.

The map encompassing the study area is divided into 128 small tables. Each of these tables corresponds to the survey unit-township within which it is located. Each table lists the centres where indicated proportions (percentages)[16] of the survey unit's full-time employed labour force work. The figures at the top of each small table indicate the 1981 population (left) and a survey unit location code (right). Population figures for the survey units located beyond the E.M.R.P.C. planning area include the residents of the incorporated centres situated within the particular unit's boundaries. The situation of Map 3 opposite Table 1 is to facilitate cross-referencing between the employment locations of urban and rural residents.

Map 4 shows the average number of monthly trips per household from each survey unit to Edmonton for shopping and other purposes.[17] Table 2 supplements these data with information about the urban households' frequency of travel to Edmonton for shopping and other purposes. The table also indicates the frequencies of local travel for each urban centre in the E.M.R.P.C. planning area.

Information about spatial shopping patterns in the study area is summarized in Tables 3 to 22 and on Maps 5 to 24. The shopping behaviour of the study area households for each of the 20 surveyed goods and services is presented in paired tables and maps. The tables show the service orientation of the urban households in the E.M.R.P.C. planning area; the maps depict the same type of information for the households residing in the study area's 128 rural survey units. The tables are again self-explanatory but the maps require a brief elaboration. Every map contains 128 small tables, each of which corresponds to the survey unit-township in which it is located. Every table lists the centres where indicated proportions (percentages) of the service unit's households usually go to obtain a particular good or service. The figures at the top of each table indicate the 1981 population of the survey unit (left) followed by the unit's location code (right).

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15 Only locations of workers employed full-time are reported in this study.

16 In cases where two locations are reported as combined approximately half the proportion belongs to each.

17 "Other purposes" exclude travel to work.

One question in the questionnaire was restricted to farmers. They were asked where they buy their farm machinery and fertilizers and where they go to use grain elevators and livestock markets. Responses to these questions have been summarized on Maps 25 to 28.

Although information about the use of six types of services, mainly public and including hospital, elementary school, high school, ice arena, curling rink and post office, was collected, the data are provided only in a table form for the E.M.R.P.C. planning area urban centres (Tables 23 to 28). The corresponding maps, showing the geographic distribution of the rural users of these services, will be prepared later and copies provided to interested institutions or individuals upon request.

To summarize, this report presents information, gathered by means of a household survey, about shopping and travel patterns in the Edmonton region. The survey results, arranged in a combination of tables and maps, are in a form which is easily usable by market (service) area analysts. Information on each good and service has been provided on separate tables and maps, thereby enabling the users of the data to do both very detailed and generalized (level of service) market area investigations.

4.0 EXPECTED USES OF THE DATA

The results of the survey are expected to be a source of useful information for metropolitan area planning and government agencies, as well as for the private sector.

Local planning agencies should find the survey's results useful in their preparation, review and monitoring of municipal plans, in the formulation of municipal economic development programs, as well as in the preparation of commercial renewal plans.

The availability of the economic data contained in this report will undoubtedly facilitate the evaluation of, and decisions on, major commercial and public development proposals, such as shopping centres, supermarkets, swimming pools etc., by both the private sector and the municipalities.

It is anticipated that market area data for particular goods and services, together with information about regional commuting patterns, will be especially useful to small businessmen who are proposing to establish or expand their commercial operations in the metropolitan area.

5.0 DATA

Data will consist of the following arrangement of tables and maps.

AS SURVEY

E.M.R.P.C. MARKET AREAS SURVEY

MAP 2B SURVEY UNIT CODES

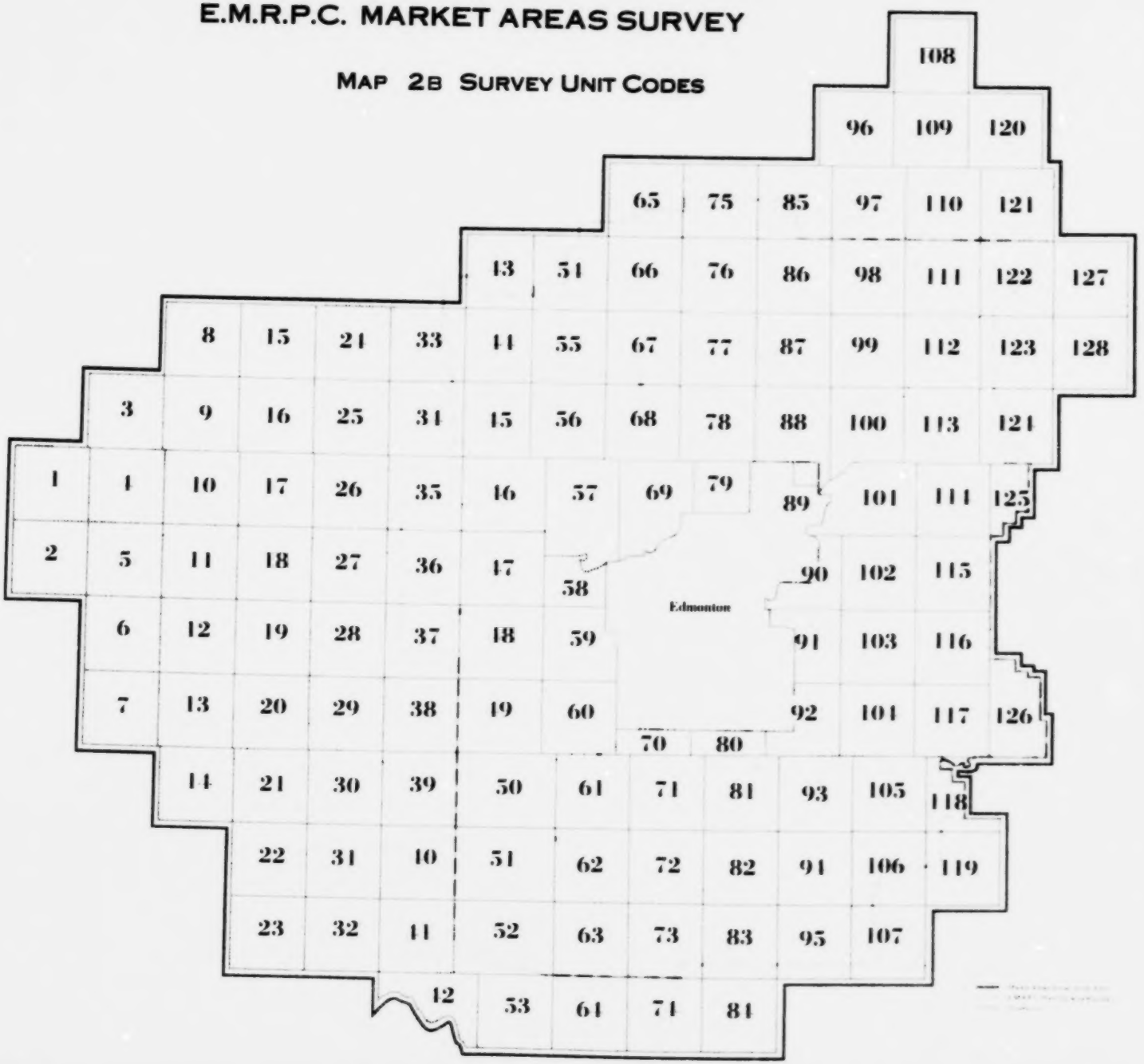


TABLE 1

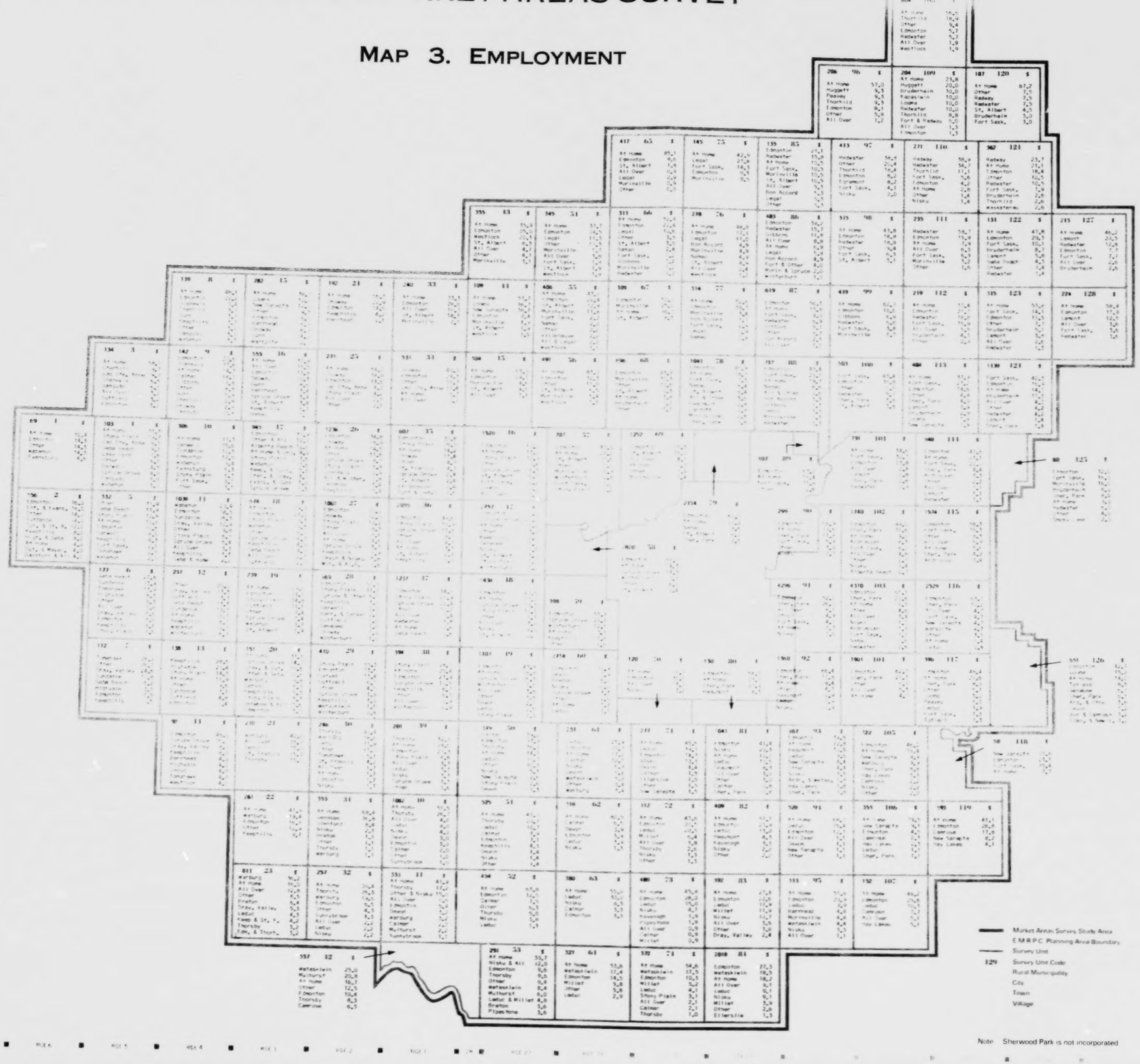
EMPLOYMENT LOCATIONS OF THE E.M.R.P.C. PLANNING AREA'S URBAN RESIDENTS

EMPLOYMENT LOCATIONS	URBAN CENTRES IN THE E.M.R.P.C. PLANNING AREA														
	Beaumont	Bon Accord	Calmar	Devon	Fort Sask.	Gibbons	Leduc	Legal	Morinville	New Sarepta	Redwater	St. Albert	Sher. Park	Spruce Grove	Stony Plain
Local	12.2	23.8	28.9	28.7	52.6	12.8	36.6	35.0	24.9	16.5	62.9	32.3	31.4	29.7	35.9
Edmonton	62.6	53.9	27.1	43.5	36.2	52.1	41.3	38.6	51.9	59.1	17.2	60.6	60.6	57.7	36.9
Beaumont	-	-	-	1.8	-	-	-	-	0.5	-	-	-	-	-	-
Bon Accord	-	-	-	-	-	1.6	-	1.0	-	-	1.0	-	-	-	-
Calmar	-	-	-	1.2	-	-	0.5	-	-	-	-	-	-	-	-
Devon	-	-	6.2	-	-	-	-	-	-	-	-	-	-	-	-
Fort Sask.	1.4	3.3	0.4	0.3	-	15.7	0.3	5.1	1.1	2.6	7.6	-	2.6	-	0.3
Gibbons	-	1.1	-	-	-	-	-	-	-	-	1.7	-	-	-	-
Leduc	6.9	0.4	10.7	4.2	-	-	-	-	-	3.5	-	0.2	0.2	0.2	0.3
Legal	-	-	-	-	-	-	-	-	0.3	-	-	-	-	-	-
Morinville	1.1	1.9	-	-	-	0.3	-	5.1	-	-	-	0.9	-	-	0.3
New Sar.	-	-	-	-	-	-	-	-	-	-	-	-	0.2	-	0.7
Redwater	0.3	2.2	-	-	3.6	6.4	-	-	0.3	-	-	0.4	-	-	-
St. Albert	-	1.5	-	-	-	1.0	-	7.1	10.8	-	0.7	-	0.2	0.4	1.0
Sher. Park	1.9	-	-	0.9	1.0	0.6	-	-	0.3	8.7	1.0	0.9	-	-	-
Spruce Gr.	-	-	-	1.5	-	-	-	0.5	0.3	-	-	0.2	0.4	-	10.7
Stony Plain	-	-	-	0.6	-	-	-	-	-	-	-	1.1	-	4.2	-
Nisku	8.9	0.4	12.0	8.2	0.5	-	17.1	-	-	5.2	1.0	0.2	0.2	0.6	0.3
Namao	-	7.8	-	-	0.5	-	-	-	0.5	-	0.3	0.2	-	-	-
Winterburn	-	-	0.4	-	-	-	-	-	0.3	-	-	-	-	1.7	0.3
Ellerslie	1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ardrossan	-	-	-	-	-	-	-	-	-	-	-	-	1.0	-	-
Cardiff	-	-	-	-	-	-	-	-	0.3	-	-	-	-	-	-
Villeneuve	-	-	-	-	-	-	-	-	0.5	-	-	-	-	-	0.3
Keephills	-	-	0.4	0.9	-	0.3	-	-	-	-	-	0.4	-	0.6	1.3
Wabamun	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.7
Sangudo	-	-	-	-	-	-	-	-	-	-	-	-	0.2	-	-
Westlock	-	-	-	-	-	-	-	1.5	-	-	-	-	-	-	-
Lamont	-	-	-	-	0.3	-	-	-	-	-	0.3	-	-	-	-
Onoway	-	-	-	0.3	-	-	-	-	-	-	-	-	-	-	-
Wetaskiwin	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alta Beach	-	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-
Thorsby	-	-	1.8	-	-	-	-	-	-	-	-	-	-	-	-
Warburg	-	-	0.4	-	-	-	0.8	-	-	-	-	-	-	-	-
Camrose	-	-	-	-	-	-	-	-	-	0.9	-	-	-	-	-
Bruderheim	-	-	-	0.3	-	-	-	-	-	-	-	-	-	-	-
Gold. Spike	-	-	-	0.3	-	-	-	-	-	-	-	-	-	-	-
Duffield	-	-	-	-	-	-	-	-	0.3	-	-	-	-	-	0.3
Dray. Val.	-	-	-	-	-	-	-	-	-	1.7	-	-	-	-	-
Genesee	-	-	-	-	-	-	-	-	-	0.9	-	-	-	-	-
Smoky Lake	-	-	-	-	-	-	-	-	-	-	0.3	-	-	-	-
Seba Beach	-	-	-	-	-	-	-	-	-	-	-	-	-	0.6	0.3
South View	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3
Other	1.9	1.9	5.3	2.4	4.2	3.2	1.0	5.1	5.8	0.9	1.4	1.7	1.8	0.2	2.7
All Over	0.8	1.5	6.2	4.8	1.0	6.1	2.3	1.0	2.1	-	4.5	0.9	1.0	4.2	5.0

NOTE: Figures in the table indicate the proportions (percentage) of the labour force of those urban centres listed horizontally, working full-time in the employment centres listed vertically.

MARKET AREA SURVEY

MAP 3. EMPLOYMENT



Note: Sherwood Park is not incorporated

TABLE 2

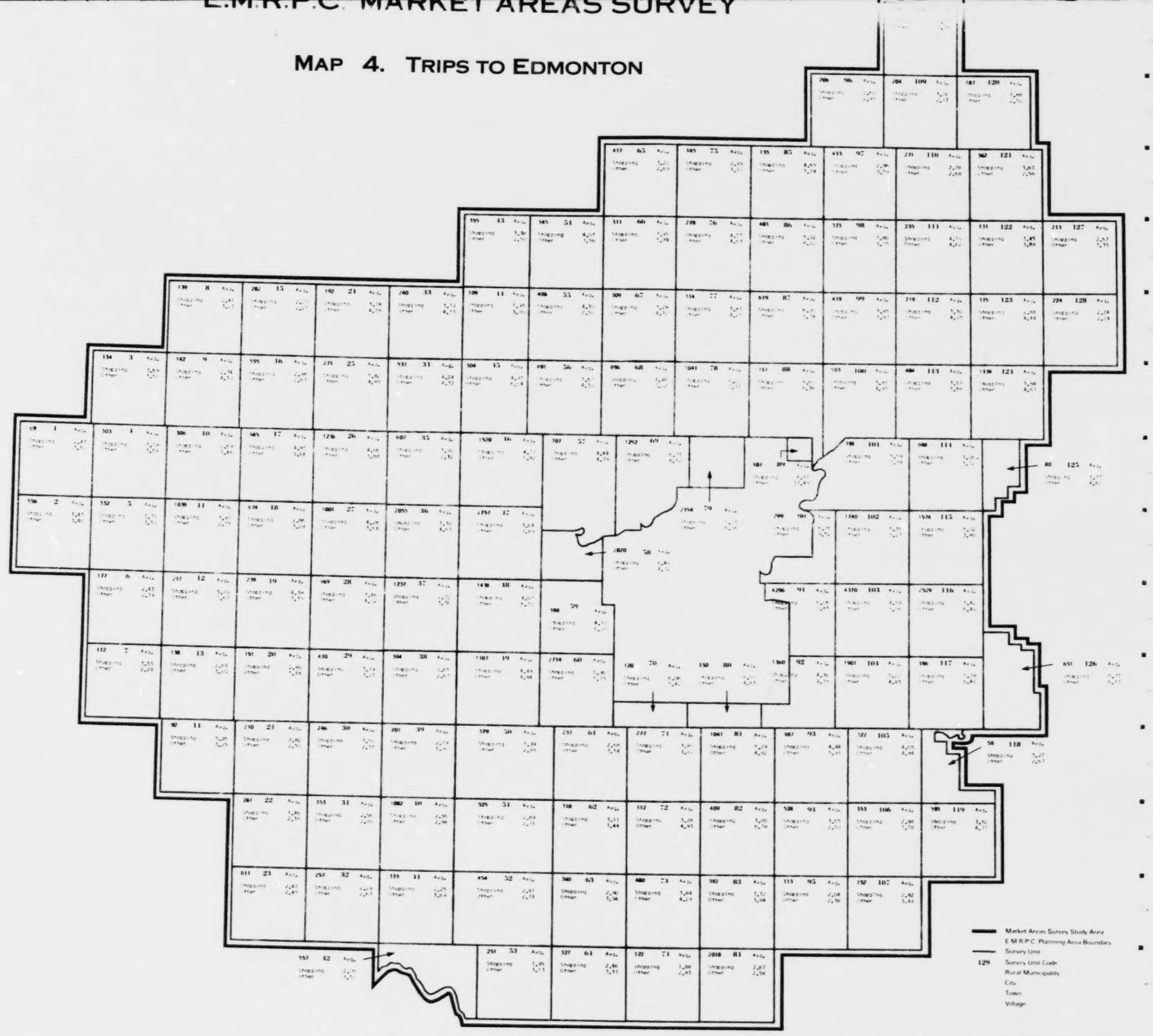
TRAVEL FREQUENCY OF URBAN HOUSEHOLDS IN THE E.M.R.P.C. PLANNING AREA
(Average Number of Monthly Trips per Household)

LOCATION	TO EDMONTON FOR SHOPPING (all households)	TO EDMONTON FOR SHOPPING (households with member(s) employed in Edmonton)	TO EDMONTON FOR OTHER REASONS*	LOCAL FOR SHOPPING	LOCAL FOR OTHER REASONS*
Beaumont	5.0	5.3	5.7	8.7	8.8
Bon Accord	4.8	4.8	5.2	9.0	12.4
Calmar	3.0	3.0	3.1	8.6	7.7
Devon	4.0	3.9	5.2	9.8	13.4
Fort Saskatchewan	4.2	4.4	5.2	7.9	9.0
Gibbons	5.0	5.5	5.2	8.8	15.5
Leduc	3.4	3.9	3.6	6.6	6.8
Legal	3.5	3.6	4.2	7.1	7.6
Morinville	4.0	4.2	5.0	7.6	12.7
New Sarepta	4.2	5.1	4.5	8.2	7.6
Redwater	3.4	4.8	4.4	9.1	12.4
St. Albert	5.1	4.9	7.9	9.2	11.4
Sherwood Park	5.1	5.6	6.7	9.2	9.8
Spruce Grove	4.5	5.5	6.4	8.9	11.5
Stony Plain	3.3	3.5	5.6	8.6	10.0

* "Other Reasons" do not include travel to work.

E.M.R.P.C. MARKET AREAS SURVEY

MAP 4. TRIPS TO EDMONTON



Note Sherwood Park is not incorporated

TABLE 3

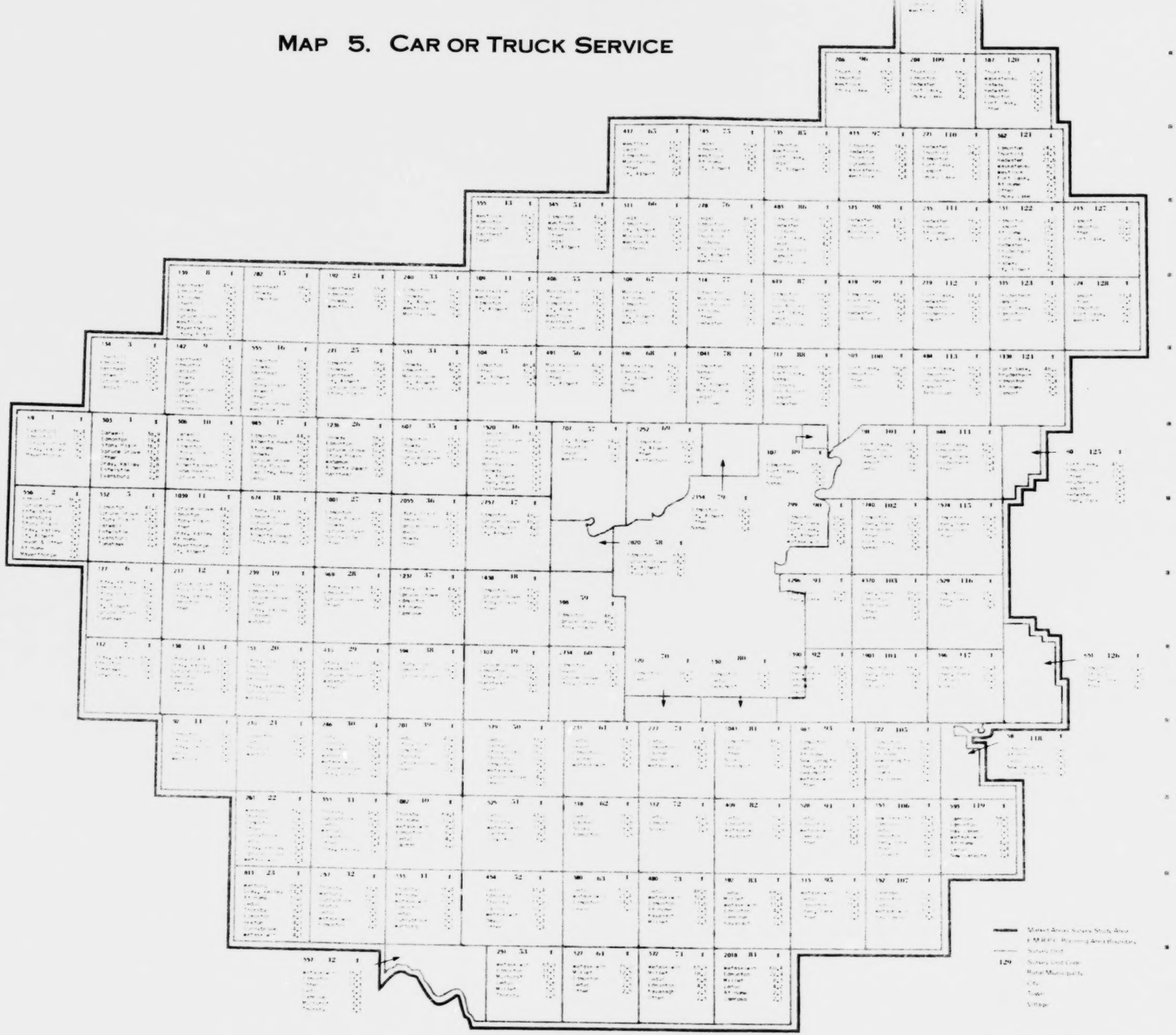
SERVICE ORIENTATION OF URBAN HOUSEHOLDS IN THE E.M.R.P.C. PLANNING AREA

TYPE OF GOOD (SERVICE): **CAR OR TRUCK SERVICE**

SUPPLYING CENTRES	URBAN CENTRES IN THE E.M.R.P.C. PLANNING AREA														
	Beaumont	Bon Accord	Calmar	Devon	Fort Sask.	Gibbons	Leduc	Legal	Morinville	New Sarepta	Redwater	St. Albert	Sher. Park	Spruce Grove	Stony Plain
Local	24.3	30.7	62.8	42.6	72.4	29.5	76.1	43.8	47.5	21.0	64.6	62.7	62.0	59.3	54.1
Edmonton	63.0	55.5	11.7	47.9	25.6	57.0	21.7	27.3	25.3	51.6	20.8	32.4	35.9	37.7	32.1
Beaumont	-	-	-	0.5	-	-	-	-	-	-	-	-	-	-	-
Bon Accord	-	-	-	-	-	1.3	-	2.5	-	-	1.0	-	-	-	-
Devon	-	-	1.5	-	-	-	-	-	-	-	-	-	-	-	-
Fort Sask.	-	0.7	-	-	-	10.1	0.4	0.8	0.5	-	5.7	-	-	-	-
Gibbons	-	2.2	-	-	0.5	-	-	-	-	-	1.6	-	-	-	-
Leduc	8.3	-	21.2	6.4	-	-	-	-	-	8.1	-	-	-	0.5	0.5
Legal	-	0.7	-	-	0.5	-	-	-	2.0	-	-	0.4	-	-	-
Morinville	-	4.4	-	-	-	-	-	5.0	-	-	0.5	3.1	-	-	-
Redwater	-	-	-	-	0.5	-	-	-	0.5	-	-	-	-	-	-
St. Albert	-	2.2	-	-	-	-	-	9.9	21.2	-	-	-	-	0.5	-
Sher. Park	1.7	-	-	0.5	-	0.7	-	-	0.5	12.9	1.0	-	-	-	-
New Sarepta	-	-	-	-	-	-	-	-	-	-	-	-	0.4	-	-
Stony Plain	-	-	-	0.5	-	-	-	-	-	-	-	-	-	2.0	-
Spruce Grove	-	-	-	-	-	-	-	-	-	-	-	0.4	-	-	11.0
Namao	-	2.2	-	-	-	-	-	-	-	-	-	-	-	-	-
Nisku	2.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Winterburn	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5
Barrhead	-	-	-	-	-	0.7	-	0.8	0.5	-	-	-	-	-	-
Camrose	-	0.7	-	-	-	-	-	-	-	3.2	-	-	0.4	-	-
Drayton Valley	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5
Lamont	-	0.7	-	-	0.5	-	-	-	-	-	-	-	-	-	-
Sunnybrook	-	-	0.7	-	-	-	-	-	-	-	-	-	-	-	-
Thorsby	-	-	1.5	0.5	-	-	-	-	-	-	-	-	-	-	-
Thorhild	-	-	-	-	-	0.7	-	-	-	-	1.0	0.4	-	-	-
Warburg	-	-	-	-	-	-	0.4	-	-	-	-	-	-	-	-
Onoway	-	-	-	-	-	-	-	-	-	-	-	-	0.4	-	-
Westlock	-	-	-	-	-	-	-	8.3	1.5	-	-	-	-	-	-
Wetaskiwin	0.6	-	-	1.1	-	-	0.9	0.8	-	1.6	-	-	-	-	0.5
Other	-	-	0.7	-	-	-	0.4	0.8	0.5	1.6	3.6	0.4	0.9	-	1.0

NOTE: Figures in the table indicate the proportions (percentage) of the households of those urban centres listed horizontally, shopping for a particular good or service in the "supplying centres" listed vertically.

MAP 5. CAR OR TRUCK SERVICE



Note: Sherwood Park is not incorporated

TABLE 4

SERVICE ORIENTATION OF URBAN HOUSEHOLDS IN THE E.M.R.P.C. PLANNING AREA

TYPE OF GOOD (SERVICE): **GROCERIES**

SUPPLYING CENTRES	URBAN CENTRES IN THE E.M.R.P.C. PLANNING AREA														
	Beaumont	Bon Accord	Calmar	Devon	Fort Sask.	Gibbons	Leduc	Legal	Morin-ville	New Sarepta	Redwater	St. Albert	Sher. Park	Spruce Grove	Stony Plain
Local	27.1	29.1	32.0	36.3	81.2	20.7	92.9	34.1	22.0	6.6	49.8	93.4	92.6	90.3	41.5
Edmonton	58.8	59.5	9.2	39.6	17.0	51.6	7.1	26.1	12.3	39.6	35.7	6.1	7.0	7.1	5.2
Devon	-	-	0.7	-	-	-	-	0.7	-	-	-	-	-	-	-
Fort Sask.	-	1.9	-	-	-	26.1	-	-	-	-	14.1	-	-	-	-
Leduc	13.1	-	58.2	20.3	-	-	-	-	-	17.6	-	-	-	-	-
Legal	-	-	-	-	0.4	0.5	-	-	-	-	-	-	-	-	-
Morinville	-	-	-	-	-	-	-	1.4	-	-	-	-	-	-	-
New Sarepta	-	-	-	-	-	-	-	-	0.4	-	-	-	-	-	-
St. Albert	-	8.9	-	0.5	-	1.1	-	28.3	64.8	-	0.5	-	-	-	-
Sher. Park	0.5	-	-	-	1.3	-	-	0.7	-	28.6	-	-	-	-	-
Spruce Grove	-	-	-	2.4	-	-	-	-	-	-	-	0.4	0.4	-	52.8
Stony Plain	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5	-
Beaumont	-	-	-	0.5	-	-	-	-	-	-	-	-	-	-	-
Gibbons	-	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-
Camrose	-	-	-	-	-	-	-	-	-	5.5	-	-	-	-	-
Warburg	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Westlock	-	-	-	-	-	-	-	6.5	0.4	-	-	-	-	-	-
Wetaskiwin	-	-	-	0.5	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	1.4	-	-	-	-	-	-	-
All Over	-	-	-	-	-	-	-	0.7	-	2.2	-	-	-	-	0.4

NOTE: Figures in the table indicate the proportions (percentage) of the households of those urban centres listed horizontally, shopping for a particular good or service in the "supplying centres" listed vertically.

E.M.R.P.C. MARKET AREAS SURVEY

MAP 6. GROCERIES

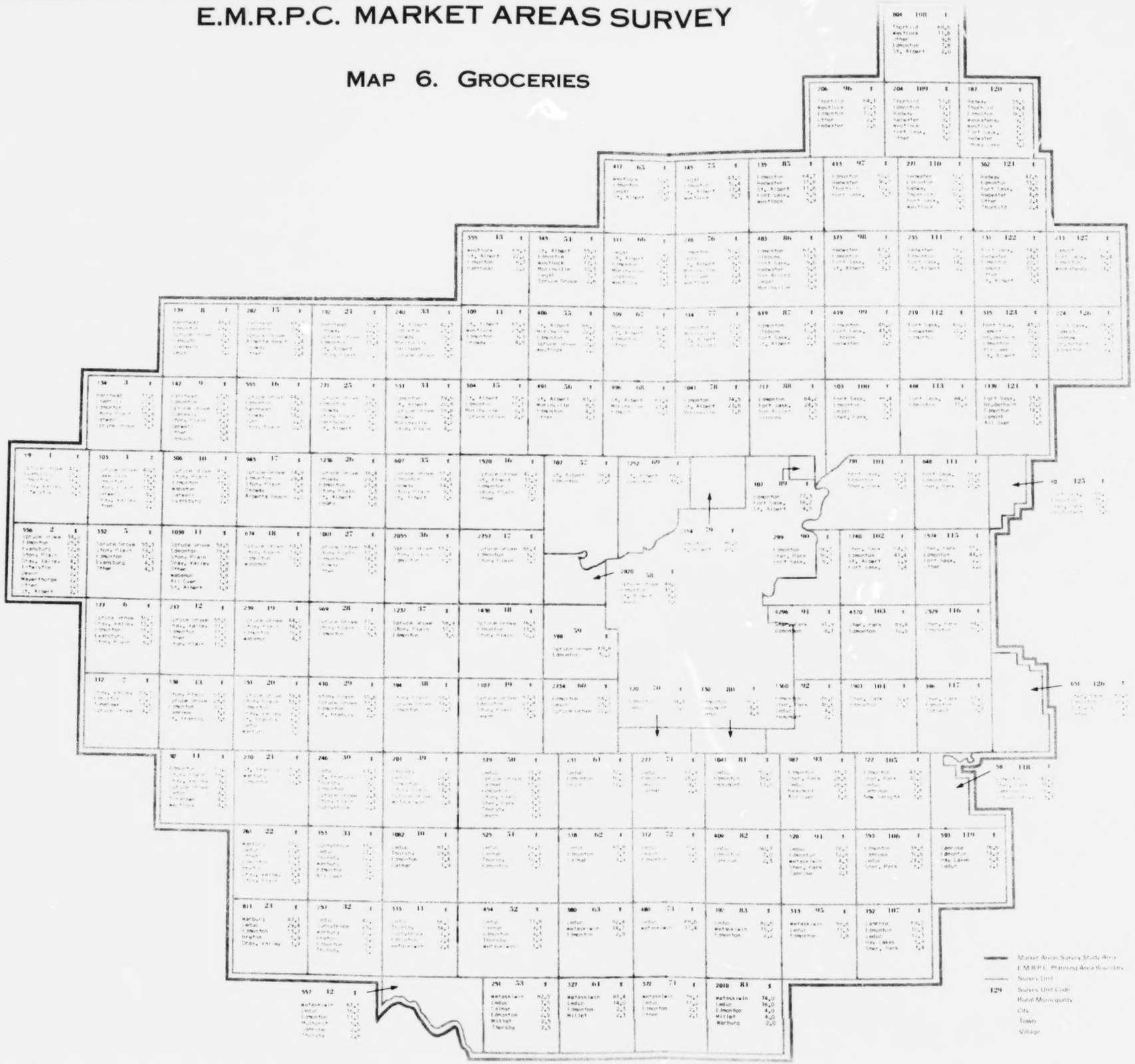


TABLE 5

SERVICE ORIENTATION OF URBAN HOUSEHOLDS IN THE E.M.R.P.C. PLANNING AREA

TYPE OF GOOD (SERVICE): **LIBRARY**

SUPPLYING CENTRES	URBAN CENTRES IN THE E.M.R.P.C. PLANNING AREA														
	Beaumont	Bon Accord	Calmar	Devon	Fort Sask.	Gibbons	Leduc	Legal	Morin-ville	New Sarepta	Redwater	St. Albert	Sher. Park	Spruce Grove	Stony Plain
Local	73.3	65.2	86.8	82.7	91.5	75.8	93.7	25.0	82.3	18.8	90.4	89.1	92.8	91.3	81.6
Edmonton	21.8	28.1	4.9	15.0	5.5	16.8	6.3	39.0	13.3	48.4	5.4	10.5	6.8	8.3	10.8
Devon	-	-	2.1	-	-	-	-	-	-	-	-	-	-	-	-
Fort Sask.	-	-	-	-	-	5.4	-	1.0	-	-	1.2	-	-	-	-
Gibbons	-	2.2	-	-	0.5	-	-	-	-	-	1.2	-	-	-	-
Leduc	1.8	-	5.6	1.7	-	-	-	1.0	-	9.4	-	-	-	-	-
Morinville	-	2.2	-	-	-	-	-	12.0	-	-	-	-	-	-	-
Redwater	-	0.7	-	-	0.5	1.3	-	2.0	-	-	-	-	-	-	-
St. Albert	-	1.5	-	-	-	-	-	12.0	4.4	-	-	-	-	-	-
Sher. Park	3.0	-	-	0.6	0.5	0.7	-	-	-	18.8	0.6	-	-	-	-
Ardrossan	-	-	-	-	1.0	-	-	-	-	-	-	-	-	-	-
Spruce Grove	-	-	-	-	-	-	-	-	-	-	-	0.5	-	-	7.6
Stony Plain	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5	-
Bon Accord	-	-	-	-	-	-	-	2.0	-	-	-	-	-	-	-
Camrose	-	-	-	-	-	-	-	-	-	4.7	-	-	-	-	-
Thorsby	-	-	0.7	-	-	-	-	-	-	-	-	-	-	-	-
Westlock	-	-	-	-	-	-	-	3.0	-	-	-	-	-	-	-
Onoway	-	-	-	-	-	-	-	-	-	-	-	-	0.4	-	-
Other	-	-	-	-	0.5	-	-	3.0	-	-	1.2	-	-	-	-

NOTE: Figures in the table indicate the proportions (percentage) of the households of those urban centres listed horizontally, shopping for a particular good or service in the "supplying centres" listed vertically.

E.M.R.P.C. MARKET AREAS SURVEY

MAP 7. LIBRARY

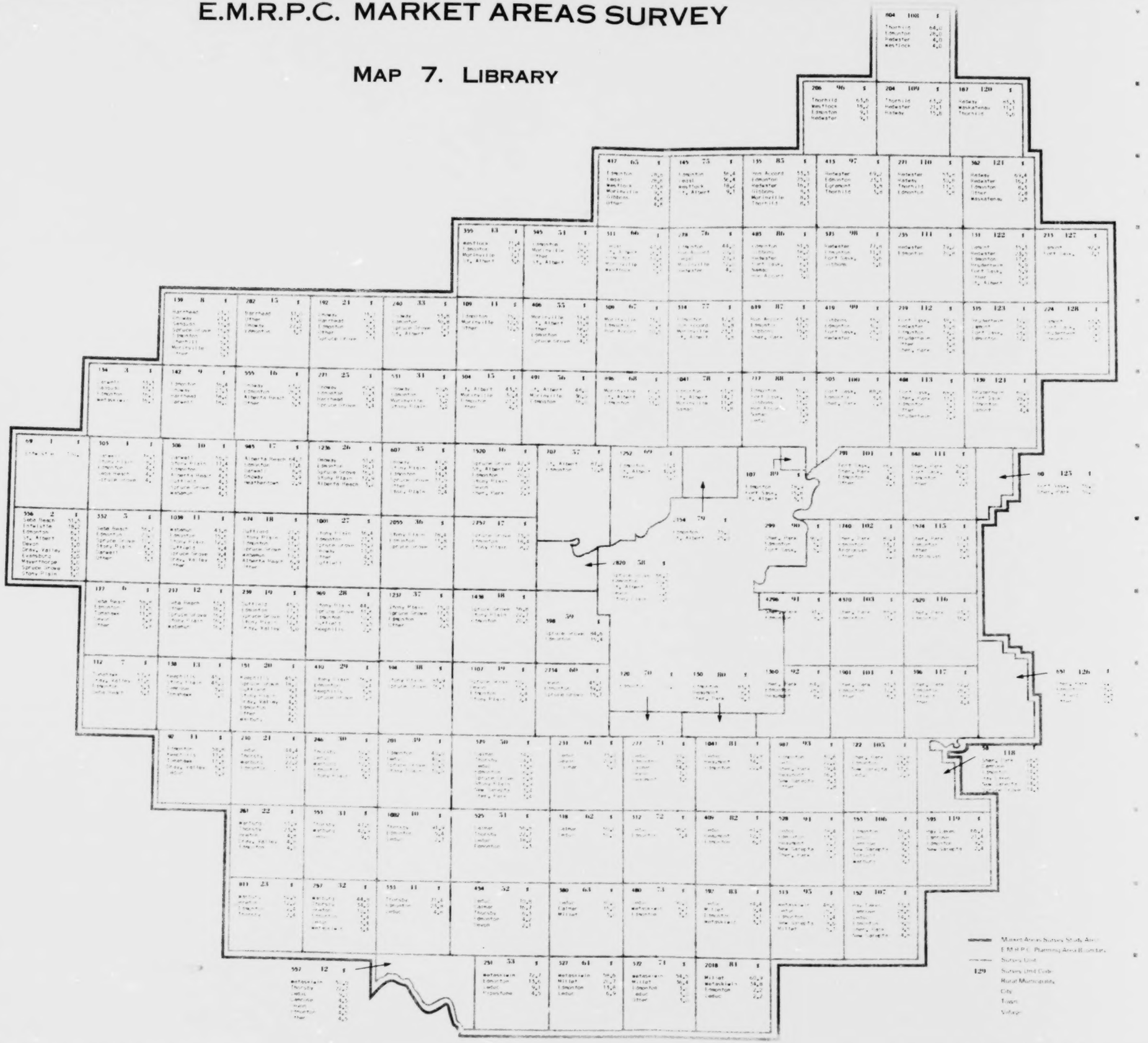


TABLE 6

SERVICE ORIENTATION OF URBAN HOUSEHOLDS IN THE E.M.R.P.C. PLANNING AREA

TYPE OF GOOD (SERVICE): **BANK SERVICES**

SUPPLYING CENTRES	URBAN CENTRES IN THE E.M.R.P.C. PLANNING AREA														
	Beaumont	Bon Accord	Calmar	Devon	Fort Sask.	Gibbons	Leduc	Legal	Morinville	New Sarepta	Redwater	St. Albert	Sher. Park	Spruce Grove	Stony Plain
Local	73.6	17.7	64.1	79.1	87.3	72.7	92.1	66.9	73.5	2.2	93.5	86.5	83.9	85.7	71.8
Edmonton	22.3	57.0	8.5	15.6	10.1	20.3	6.7	12.5	13.0	50.5	2.8	12.2	15.3	13.1	11.0
Bon Accord	-	-	-	-	-	-	-	0.7	-	-	-	-	-	-	-
Devon	-	-	3.3	-	-	-	-	0.7	-	-	-	-	-	-	-
Fort Sask.	-	-	-	-	-	4.8	-	1.5	-	-	0.9	-	0.4	-	-
Gibbons	-	14.6	-	-	1.3	-	-	-	-	-	2.3	-	-	-	-
Leduc	1.0	-	20.9	3.3	-	-	-	-	-	19.8	-	-	-	-	-
Legal	-	1.3	-	-	0.4	-	-	-	-	-	-	-	-	-	-
Morinville	-	3.8	-	-	-	-	-	5.1	-	-	-	-	-	-	-
Redwater	-	0.6	-	-	-	1.6	-	0.7	-	-	-	-	-	-	-
St. Albert	-	3.8	-	-	-	-	-	3.7	12.2	-	-	-	-	-	-
Sher. Park	2.0	-	-	-	0.9	-	-	0.7	-	22.0	0.5	-	-	-	-
Namao	-	1.3	-	-	-	-	-	-	0.9	-	-	-	-	-	-
Nisku	0.5	-	-	0.5	-	-	0.8	-	-	1.1	-	0.4	-	-	-
Spruce Grove	-	-	-	0.9	-	-	-	-	-	-	-	0.8	-	-	17.2
Stony Plain	-	-	-	-	-	-	-	-	-	-	-	-	-	1.3	-
Beaumont	-	-	-	0.5	-	-	-	-	-	-	-	-	-	-	-
Camrose	-	-	-	-	-	-	-	-	-	4.4	-	-	-	-	-
Millet	0.5	-	-	-	-	-	0.4	-	-	-	-	-	-	-	-
Onoway	-	-	-	-	-	-	-	-	-	-	-	-	0.4	-	-
Thorsby	-	-	3.3	-	-	-	-	-	-	-	-	-	-	-	-
Westlock	-	-	-	-	-	-	-	5.1	0.4	-	-	-	-	-	-
Other	-	-	-	-	-	0.5	-	2.2	-	-	-	-	-	-	-

NOTE: Figures in the table indicate the proportions (percentage) of the households of those urban centres listed horizontally, shopping for a particular good or service in the "supplying centres" listed vertically.

E.M.R.P.C. MARKET AREAS SURVEY

MAP 8. BANK SERVICES

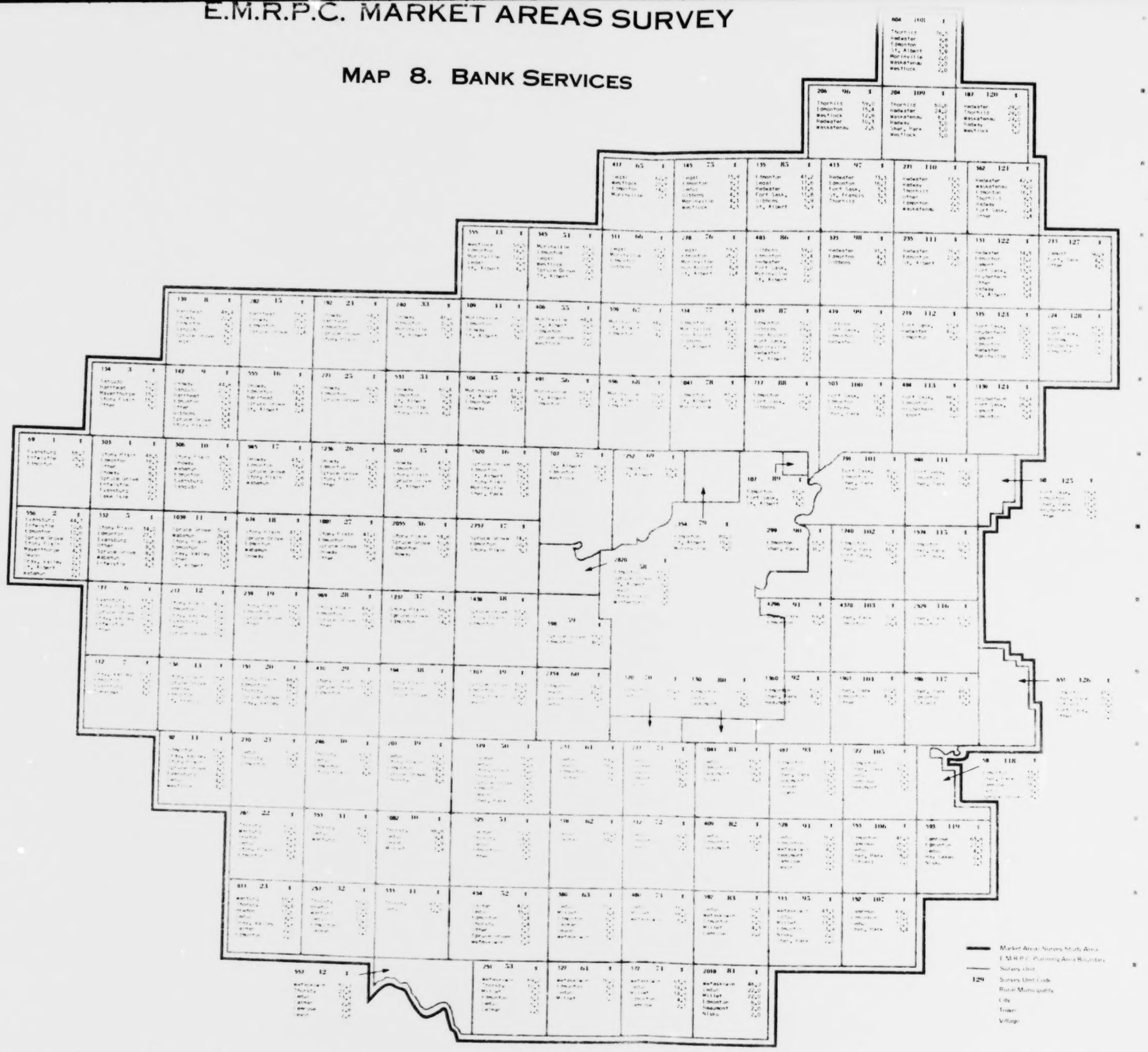


TABLE 7

SERVICE ORIENTATION OF URBAN HOUSEHOLDS IN THE E.M.R.P.C. PLANNING AREA

TYPE OF GOOD (SERVICE): **HARDWARE**

SUPPLYING CENTRES	URBAN CENTRES IN THE E.M.R.P.C. PLANNING AREA														
	Beaumont	Bon Accord	Calmar	Devon	Fort Sask.	Gibbons	Leduc	Legal	Morinville	New Sarepta	Redwater	St. Albert	Sher. Park	Spruce Grove	Stony Plain
Local	4.0	-	78.4	46.6	86.7	7.6	91.9	8.1	62.5	33.3	71.7	82.4	76.5	69.6	74.1
Edmonton	82.8	84.6	4.6	46.2	12.4	56.8	7.2	32.6	14.3	36.7	18.9	16.8	23.1	28.7	23.7
Devon	-	-	0.7	-	-	-	-	0.7	-	-	-	-	-	-	-
Fort Sask.	-	3.2	-	-	-	34.1	0.4	0.7	-	-	8.5	-	-	-	-
Gibbons	-	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-
Leduc	10.6	-	14.4	5.8	-	-	-	-	-	12.2	-	-	-	-	-
Legal	-	-	-	-	0.4	-	-	-	-	-	-	-	-	-	-
Morinville	-	7.7	-	-	-	-	-	16.3	-	-	-	0.4	-	-	-
New Sarepta	-	-	-	-	-	-	-	-	0.4	-	-	-	-	-	-
Redwater	-	-	-	-	0.4	-.5	-	0.7	-	-	-	-	-	-	-
St. Albert	-	3.2	-	-	-	-	-	23.7	21.4	-	-	-	-	-	-
Sher. Park	1.5	-	-	-	-	-	-	-	-	13.3	0.5	-	-	-	-
Spruce Grove	-	-	-	0.5	-	-	-	-	-	-	-	0.4	-	-	2.2
Stony Plain	-	-	-	0.5	-	-	-	-	-	-	-	-	-	1.3	-
Nisku	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Camrose	-	-	-	-	-	-	-	-	-	4.4	-	-	-	-	-
Thorsby	0.5	-	2.0	-	-	-	-	-	-	-	-	-	-	-	-
Westlock	-	0.6	-	-	-	-	-	13.3	0.9	-	0.5	-	-	-	-
Genesee	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	-
Onoway	-	-	-	-	-	-	-	-	-	-	-	-	0.4	-	-
Wetaskiwin	-	-	-	0.5	-	-	-	0.7	-	-	-	-	-	-	-
Other	-	-	-	-	-	0.5	0.4	3.0	-	-	-	-	-	-	-
All Over	-	-	-	-	-	0.5	-	-	0.4	-	-	-	-	-	-

NOTE: Figures in the table indicate the proportions (percentage) of the households of those urban centres listed horizontally, shopping for a particular good or service in the "supplying centres" listed vertically.

MAP 9. HARDWARE

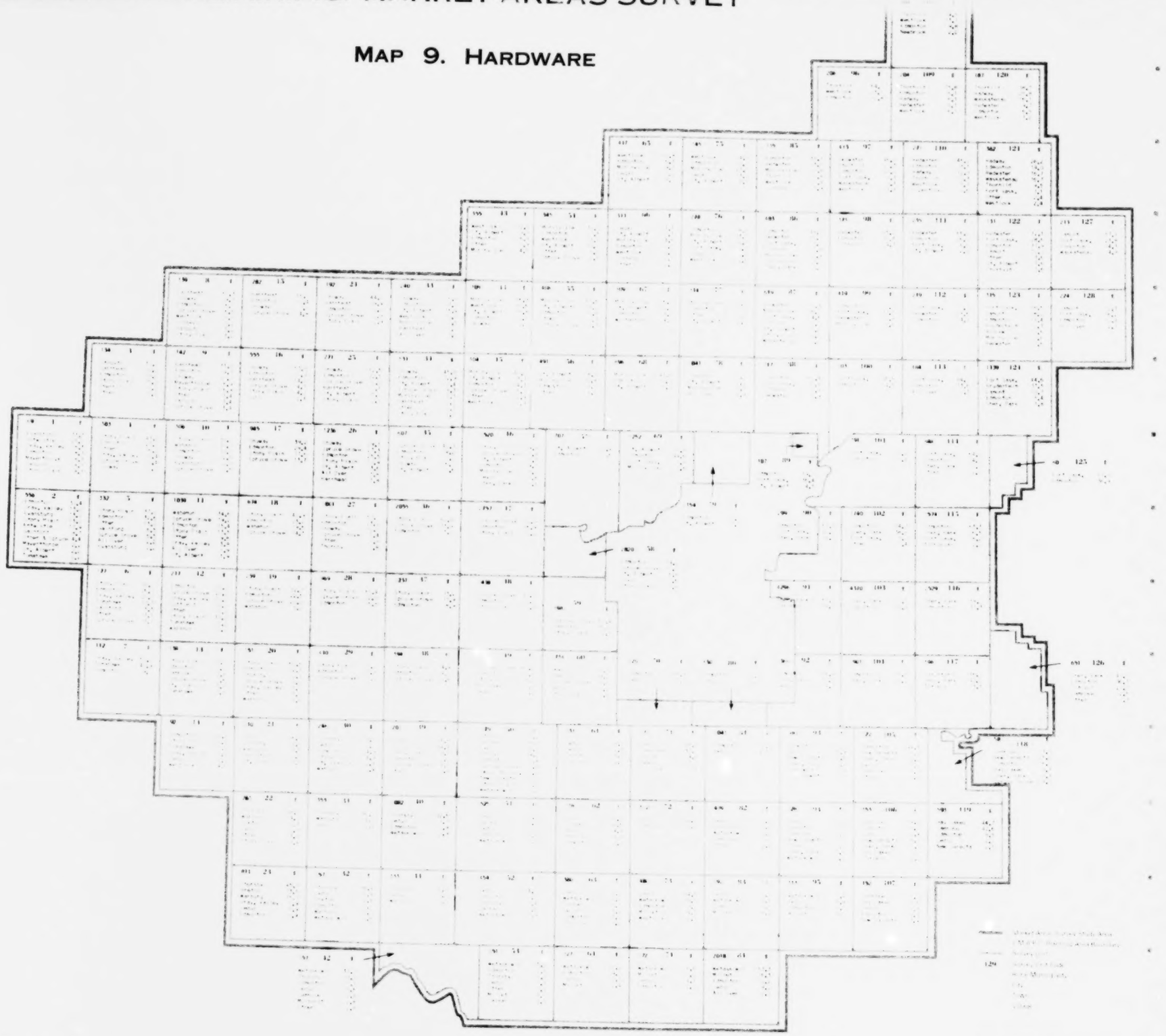


TABLE 8

SERVICE ORIENTATION OF URBAN HOUSEHOLDS IN THE E.M.R.P.C. PLANNING AREA

TYPE OF GOOD (SERVICE): **DRYCLEANING AND LAUNDRY**

SUPPLYING CENTRES	URBAN CENTRES IN THE E.M.R.P.C. PLANNING AREA														
	Beaumont	Bon Accord	Calmar	Devon	Fort Sask.	Gibbons	Leduc	Legal	Morin-ville	New Sarepta	Redwater	St. Albert	Sher. Park	Spruce Grove	Stony Plain
Local	81.6	32.4	92.1	71.7	90.6	76.8	97.9	43.3	67.3	1.7	86.8	93.2	88.8	87.7	92.6
Edmonton	15.3	46.5	2.6	20.7	7.5	18.3	2.1	23.3	12.8	41.4	8.6	6.0	10.4	10.0	5.1
Beaumont	-	-	-	0.5	-	-	-	-	-	-	-	-	-	-	-
Bon Accord	-	-	-	-	-	-	-	1.7	-	-	-	-	-	-	-
Calmar	-	-	-	1.0	-	-	-	-	-	-	-	-	-	-	-
Fort Sask.	-	-	-	-	-	4.9	-	0.8	-	-	0.5	-	-	-	-
Gibbons	-	14.1	-	-	0.9	-	-	-	-	-	2.5	-	-	-	-
Leduc	3.1	-	4.6	4.5	-	-	-	-	-	20.7	-	-	-	-	-
Morinville	-	2.8	-	-	-	-	-	11.7	-	-	-	-	-	-	-
Redwater	-	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Albert	-	2.8	-	-	-	-	-	11.7	19.4	-	0.5	-	-	-	-
Sher. Park	-	-	-	-	0.5	-	-	-	0.5	34.5	0.5	-	-	-	-
Spruce Grove	-	-	-	0.5	-	-	-	-	-	-	-	0.4	-	-	1.9
Nisku	-	-	-	0.5	-	-	-	-	-	-	-	-	-	-	-
Stony Plain	-	-	-	-	-	-	-	-	-	-	-	-	0.4	2.3	-
Camrose	-	-	-	-	-	-	-	-	-	1.7	-	-	-	-	-
Westlock	-	-	-	-	-	-	-	5.8	-	-	-	-	-	-	-
Wetaskiwin	-	-	-	-	-	-	-	0.8	-	-	-	-	-	-	-
Carvel	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5
Other	-	0.7	0.7	0.5	0.5	-	-	0.8	-	-	0.5	0.4	0.4	-	-

NOTE: Figures in the table indicate the proportions (percentage) of the households of those urban centres listed horizontally, shopping for a particular good or service in the "supplying centres" listed vertically.

E.M.R.P.C. MARKET AREAS SURVEY

MAP 10. DRY CLEANING AND LAUNDRY

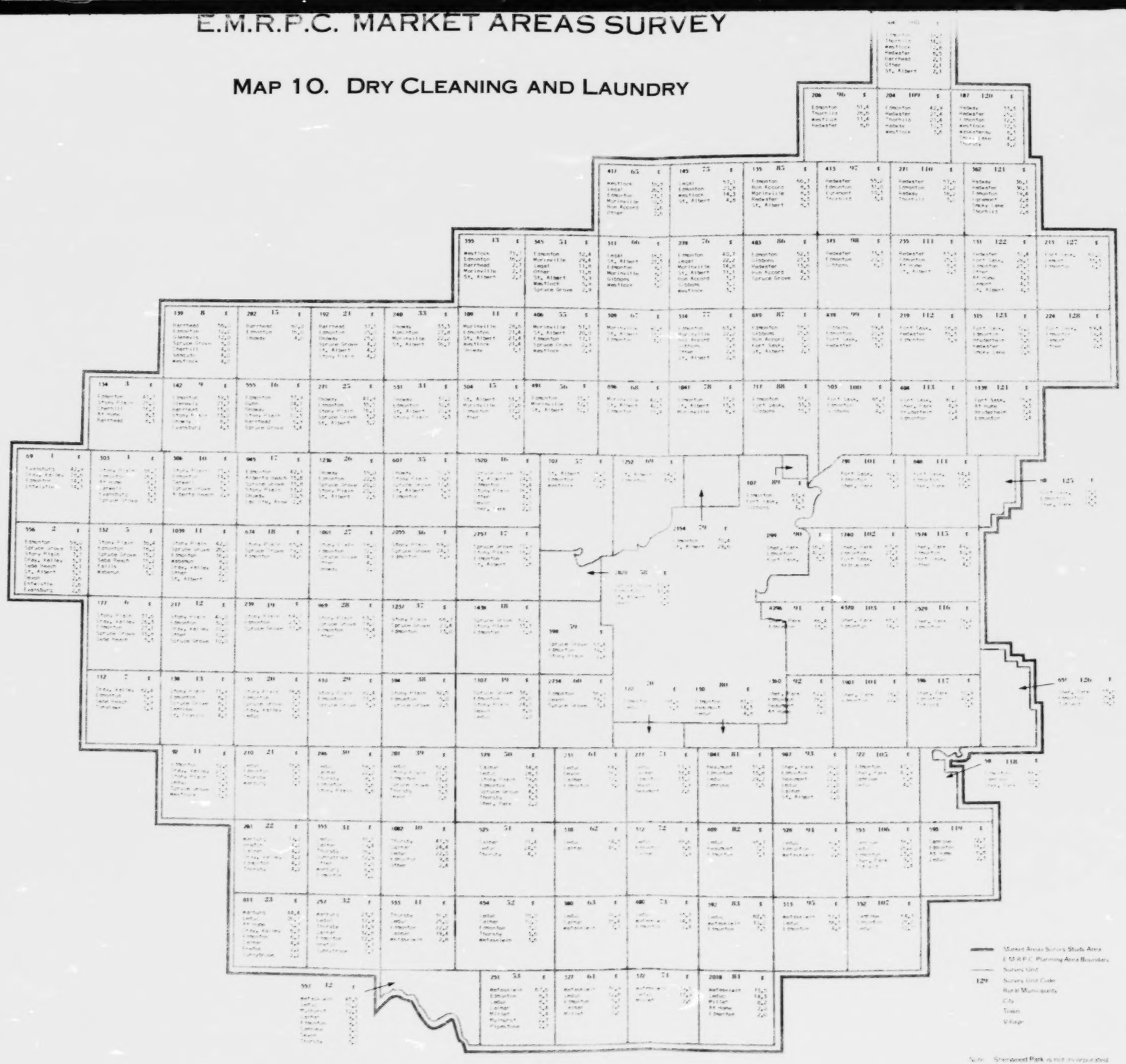


TABLE 9

SERVICE ORIENTATION OF URBAN HOUSEHOLDS IN THE E.M.R.P.C. PLANNING AREA

TYPE OF GOOD (SERVICE): LIQUOR

SUPPLYING CENTRES	URBAN CENTRES IN THE E.M.R.P.C. PLANNING AREA														
	Beaumont	Bon Accord	Calmar	Devon	Fort Sask.	Gibbons	Leduc	Legal	Morin-ville	New Sarepta	Redwater	St. Albert	Sher. Park	Spruce Grove	Stony Plain
Local	93.6	0.7	90.4	85.2	94.5	85.9	94.1	79.1	89.2	-	95.5	96.5	97.8	95.4	90.8
Edmonton	5.9	43.7	1.4	11.6	4.0	10.4	5.4	10.1	3.8	42.9	1.5	2.7	1.7	3.2	4.6
Beaumont	-	-	-	-	-	-	-	-	-	1.3	-	-	-	-	-
Calmar	-	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-
Fort Sask.	-	0.7	-	-	-	3.7	0.5	-	-	-	0.5	-	-	-	-
Gibbons	-	47.9	-	-	1.0	-	-	0.8	-	-	2.0	-	-	-	-
Leduc	0.5	-	8.2	2.6	-	-	-	-	-	22.1	-	-	-	-	-
Morinville	-	3.5	-	-	-	-	-	1.6	-	-	-	0.4	-	-	-
Redwater	-	-	-	-	-	-	-	0.8	-	-	-	-	-	-	-
St. Albert	-	2.8	-	-	-	-	-	1.6	6.1	-	-	-	-	-	-
Sher. Park	-	-	-	-	0.5	-	-	-	-	29.9	0.5	-	-	-	-
Spruce Grove	-	-	-	0.5	-	-	-	-	-	-	-	0.4	-	-	4.6
Stony Plain	-	-	-	-	-	-	-	-	-	-	-	-	-	1.4	-
Onoway	-	-	-	-	-	-	-	-	-	-	-	-	0.4	-	-
Camrose	-	-	-	-	-	-	-	-	-	3.9	-	-	-	-	-
Westlock	-	-	-	-	-	-	-	5.4	0.5	-	-	-	-	-	-
Wetaskiwin	-	-	-	-	-	-	-	0.8	-	-	-	-	-	-	-
All Over	-	--	-	-	-	-	-	-	0.5	-	-	-	-	-	-

NOTE: Figures in the table indicate the proportions (percentage) of the households of those urban centres listed horizontally, shopping for a particular good or service in the "supplying centres" listed vertically.

E.M.R.P.C. MARKET AREAS SURVEY

MAP 11. LIQUOR

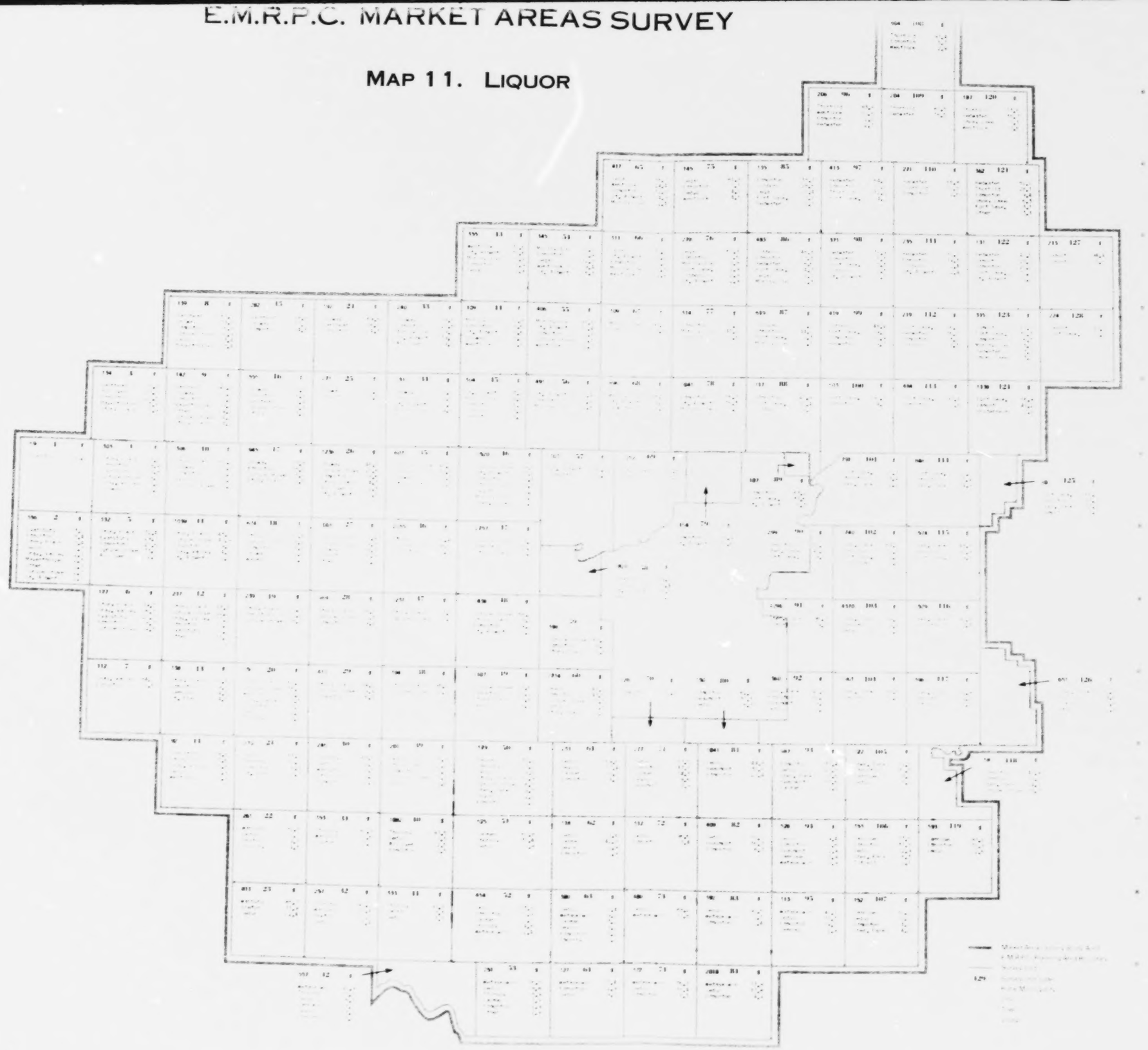


TABLE 10

SERVICE ORIENTATION OF URBAN HOUSEHOLDS IN THE E.M.R.P.C. PLANNING AREA

TYPE OF GOOD (SERVICE): **CLOTHING AND SHOES**

SUPPLYING CENTRES	URBAN CENTRES IN THE E.M.R.P.C. PLANNING AREA														
	Beaumont	Bon Accord	Calmar	Devon	Fort Sask.	Gibbons	Leduc	Legal	Morin-ville	New Sarepta	Redwater	St. Albert	Sher. Park	Spruce Grove	Stony Plain
Local	2.5	-	3.3	5.7	25.1	1.1	48.3	0.7	5.7	-	10.8	44.3	24.2	11.4	19.2
Edmonton	93.5	95.5	60.8	89.0	73.1	90.3	50.4	54.3	45.9	82.0	83.1	55.7	75.0	88.1	76.9
Beaumont	-	-	-	0.5	-	-	-	-	-	-	-	-	-	-	-
Devon	-	-	1.3	-	-	-	-	-	-	-	-	-	-	-	-
Fort Sask.	-	-	-	-	-	7.5	0.4	-	-	-	2.3	-	-	-	-
Leduc	3.0	-	32.7	3.8	-	-	-	-	-	2.2	-	-	-	-	-
Morinville	-	-	-	-	-	-	-	1.4	-	-	-	-	-	-	-
New Sarepta	-	-	-	-	-	-	-	-	0.4	-	-	-	-	-	-
Redwater	-	-	-	-	-	-	0.4	-	-	-	-	-	-	-	-
St. Albert	-	4.5	-	0.5	-	-	-	37.0	46.7	-	-	-	-	0.4	-
Sher. Park	-	-	-	-	0.9	-	-	-	-	10.1	-	-	-	-	-
Spruce Grove	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.5
Warburg	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calmar	-	-	-	-	-	-	-	-	-	4.5	-	-	-	-	-
Westlock	-	-	-	-	0.4	-	-	5.8	0.9	-	-	-	-	-	-
Wetaskiwin	-	-	0.7	0.5	-	-	-	-	-	-	-	-	-	-	-
Onoway	-	-	-	-	-	-	-	-	-	-	-	-	0.4	-	-
Thorhild	-	-	-	-	-	-	-	-	-	-	0.5	-	-	-	-
Other	0.5	-	1.3	-	0.4	1.1	0.4	0.7	0.4	-	3.3	-	0.4	-	-
All Over	-	-	-	-	-	-	-	-	-	1.1	-	-	-	-	0.4

NOTE: Figures in the table indicate the proportions (percentage) of the households of those urban centres listed horizontally, shopping for a particular good or service in the "supplying centres" listed vertically.

E.M.R.P.C. MARKET AREAS SURVEY

MAP 12. CLOTHING AND SHOES

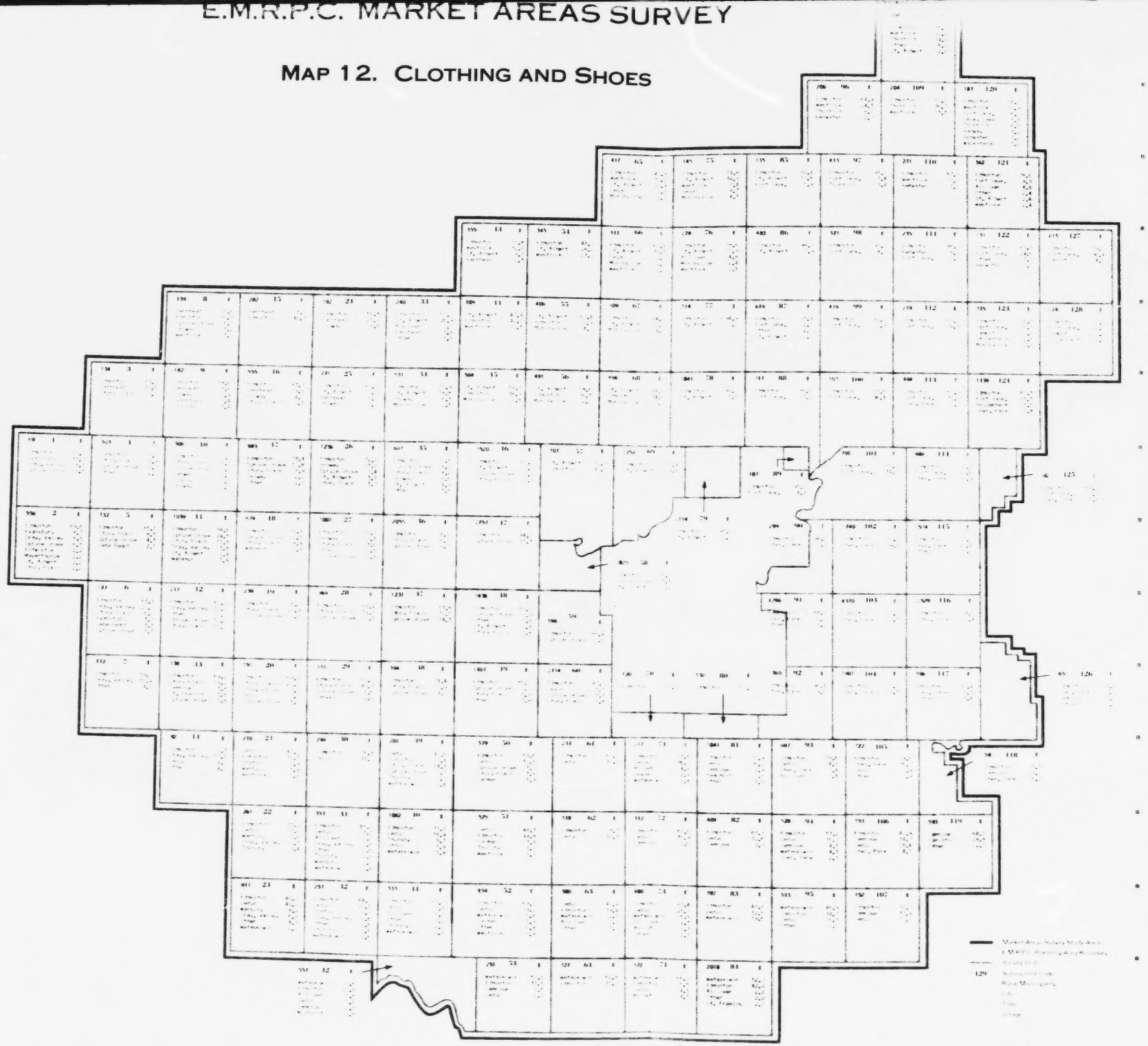


TABLE 11

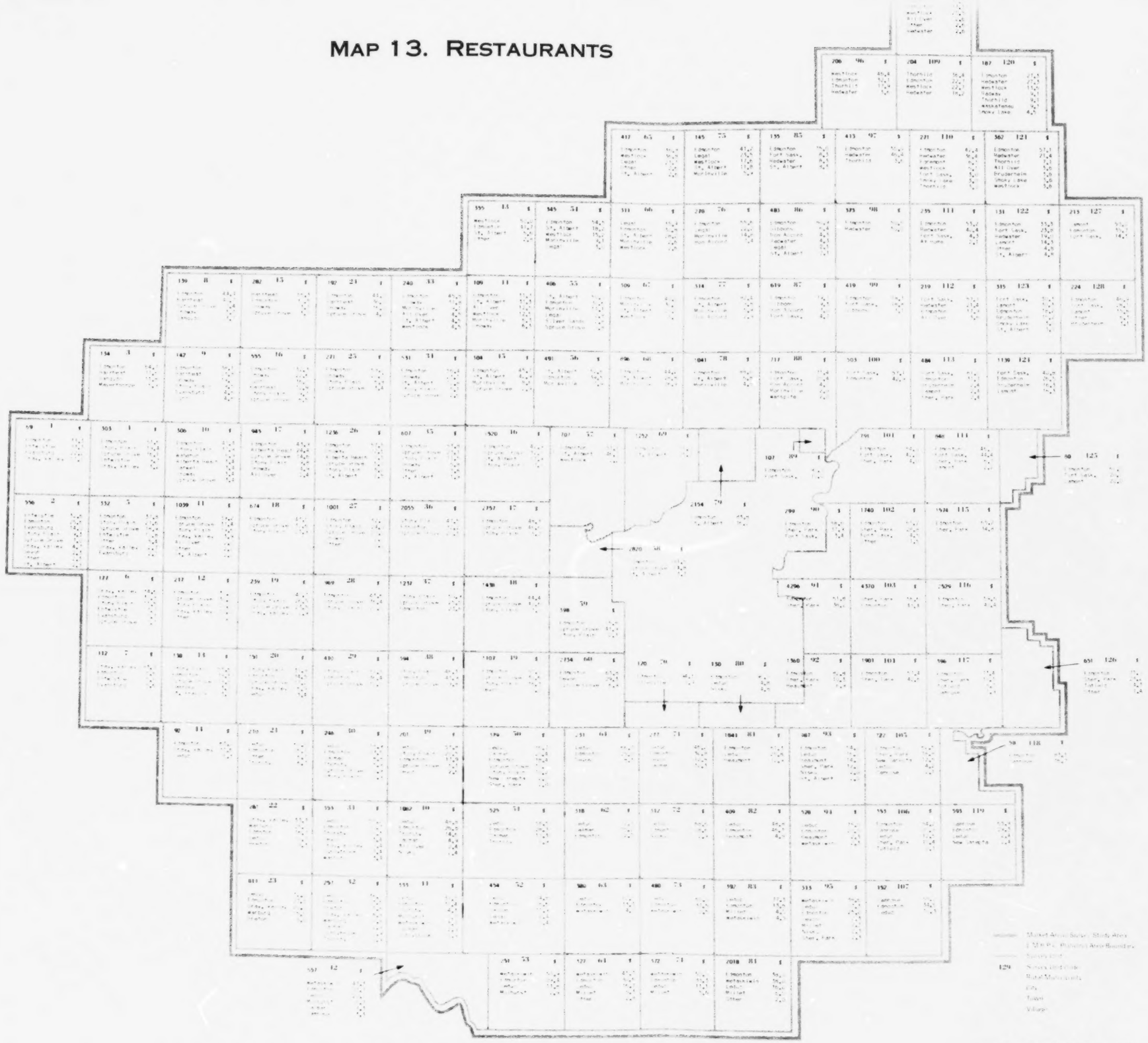
SERVICE ORIENTATION OF URBAN HOUSEHOLDS IN THE E.M.R.P.C. PLANNING AREA

TYPE OF GOOD (SERVICE): **RESTAURANTS**

SUPPLYING CENTRES	URBAN CENTRES IN THE E.M.R.P.C. PLANNING AREA														
	Beaumont	Bon Accord	Calmar	Devon	Fort Sask.	Gibbons	Leduc	Legal	Morinville	New Sarepta	Redwater	St. Albert	Sher. Park	Spruce Grove	Stony Plain
Local	40.3	16.1	60.8	34.9	59.7	18.3	67.4	20.8	19.6	3.9	48.4	47.0	55.3	50.2	43.0
Edmonton	57.5	76.2	12.8	59.0	39.3	71.3	31.8	50.8	49.1	72.4	49.0	52.1	44.3	48.0	40.2
Bon Accord	-	-	-	-	-	1.8	-	0.8	-	-	-	-	-	-	-
Devon	-	-	2.0	-	-	-	-	-	-	-	-	-	-	-	-
Fort Sask.	-	0.7	-	-	-	7.3	0.4	-	-	-	2.1	-	-	-	-
Gibbons	-	1.4	-	-	-	-	-	-	-	-	-	-	-	-	-
Leduc	2.2	-	23.6	5.1	-	-	-	-	-	13.2	-	-	-	-	-
Morinville	-	-	-	-	-	-	-	0.8	-	-	-	-	-	-	-
Redwater	-	-	-	-	-	1.2	-	0.8	-	-	-	-	-	-	-
St. Albert	-	4.9	-	-	-	-	-	18.5	31.3	-	-	-	-	-	-
Sher. Park	-	-	-	-	0.5	-	-	0.8	-	7.9	-	-	-	-	-
Nisku	-	-	0.7	0.5	-	-	0.4	-	-	-	-	-	-	-	-
Spruce Grove	-	-	-	-	-	-	-	-	-	-	-	0.4	-	-	16.8
Stony Plain	-	-	-	-	-	-	-	-	-	-	-	-	0.4	1.8	-
Beaumont	-	-	-	0.5	-	-	-	-	-	-	-	-	-	-	-
Westlock	-	-	-	-	0.5	-	-	6.2	-	-	0.5	-	-	-	-
Camrose	-	-	-	-	-	-	-	-	-	1.3	-	-	-	-	-
Hay Lakes	-	-	-	-	-	-	-	-	-	1.3	-	-	-	-	-
Other	-	0.7	-	-	-	-	-	0.8	-	-	-	-	-	-	-
All Over	-	-	-	-	-	-	-	-	-	-	-	0.4	-	-	-

NOTE: Figures in the table indicate the proportions (percentage) of the households of those urban centres listed horizontally, shopping for a particular good or service in the "supplying centres" listed vertically.

Map 13. Restaurants



Note: Sherwood Park is not incorporated

TABLE 12

SERVICE ORIENTATION OF URBAN HOUSEHOLDS IN THE E.M.R.P.C. PLANNING AREA

TYPE OF GOOD (SERVICE): **DRUGS**

SUPPLYING CENTRES	URBAN CENTRES IN THE E.M.R.P.C. PLANNING AREA														
	Beaumont	Bon Accord	Calmar	Devon	Fort Sask.	Gibbons	Leduc	Legal	Morin-ville	New Sarepta	Redwater	St. Albert	Sher. Park	Spruce Grove	Stony Plain
Local	79.7	0.6	88.2	86.6	93.4	71.2	96.2	59.0	81.9	1.1	85.4	92.2	93.7	92.4	87.3
Edmonton	17.2	56.1	3.3	8.6	5.3	19.0	3.0	13.4	7.0	47.8	8.5	6.1	5.9	6.8	6.1
Beaumont	-	-	-	-	-	-	0.4	-	-	-	-	-	-	-	-
Calmar	-	-	-	-	-	-	-	0.7	-	-	-	-	-	-	-
Devon	-	-	-	-	-	-	-	0.7	-	-	-	-	-	-	-
Fort Sask.	-	2.5	-	-	-	9.2	0.4	-	-	-	4.2	-	-	-	-
Gibbons	-	24.2	-	-	0.4	-	-	0.7	-	-	0.9	-	-	-	-
Leduc	2.1	-	8.5	3.8	-	-	-	-	-	21.1	-	-	-	-	-
Morinville	-	7.0	-	-	-	-	-	6.0	-	-	-	0.4	-	-	-
Redwater	-	-	-	-	-	0.5	-	1.5	-	-	-	-	-	-	-
St. Albert	-	8.9	-	0.5	-	-	-	9.7	10.6	-	-	-	-	-	-
Sher. Park	1.0	-	-	-	0.4	-	-	0.7	-	26.7	0.5	-	-	-	-
Namao	-	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-
Spruce Grove	-	-	-	-	-	-	-	-	-	-	-	0.4	-	-	6.6
Stony Plain	-	-	-	0.5	-	-	-	-	-	-	-	-	-	0.8	-
Camrose	-	-	-	-	-	-	-	-	-	3.3	-	-	-	-	-
Westlock	-	-	-	-	0.4	-	-	6.7	0.4	-	-	-	-	-	-
Onoway	-	-	-	-	-	-	-	-	-	-	-	-	0.4	-	-
Radway	-	-	-	-	-	-	-	-	-	-	0.5	-	-	-	-
Other	-	-	-	-	-	-	-	0.7	-	-	-	0.4	-	-	-
All Over	-	-	-	-	-	-	-	-	-	-	-	0.4	-	-	-

NOTE: Figures in the table indicate the proportions (percentage) of the households of those urban centres listed horizontally, shopping for a particular good or service in the "supplying centres" listed vertically.

MAP 14. DRUGS

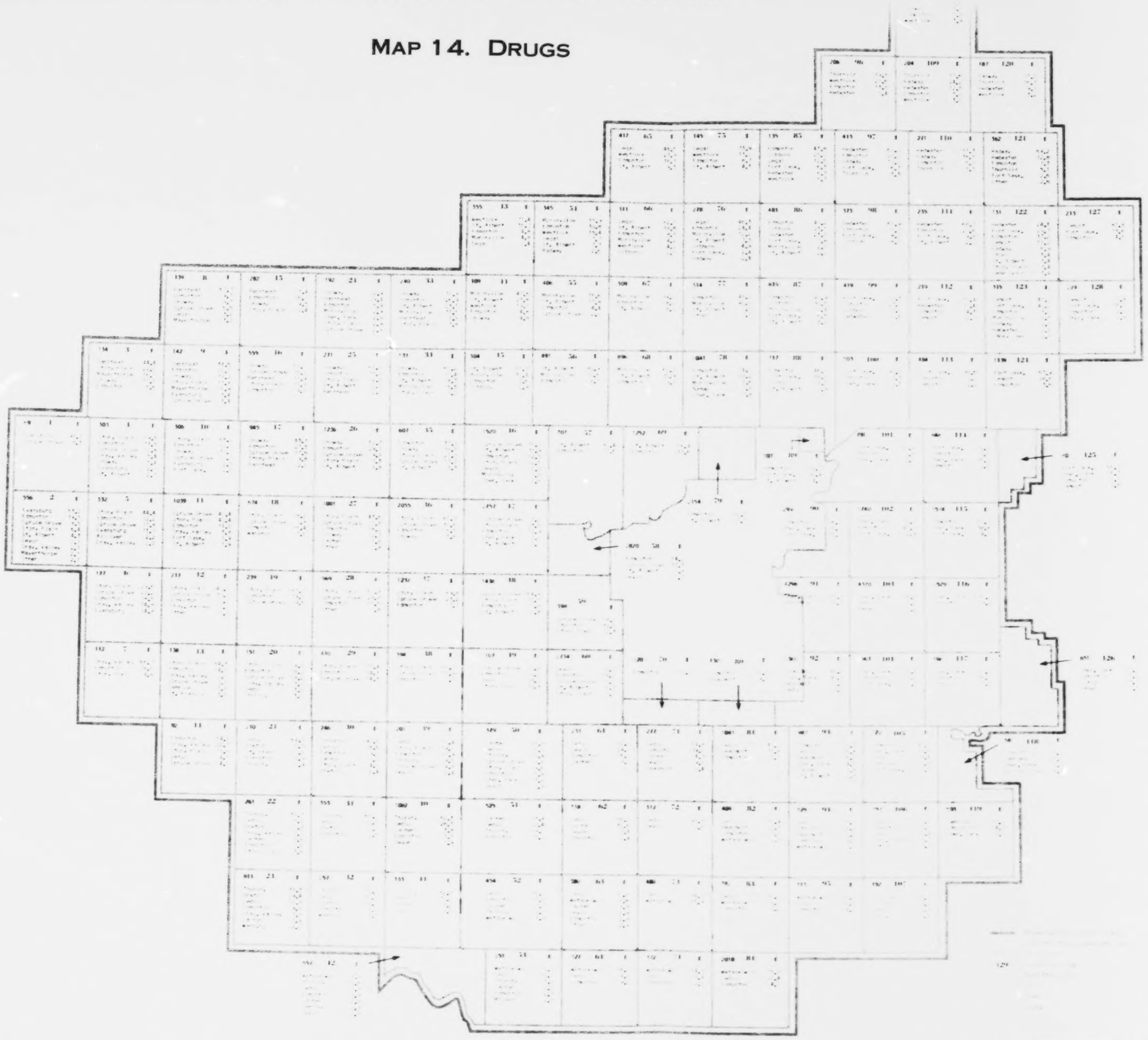


TABLE 13

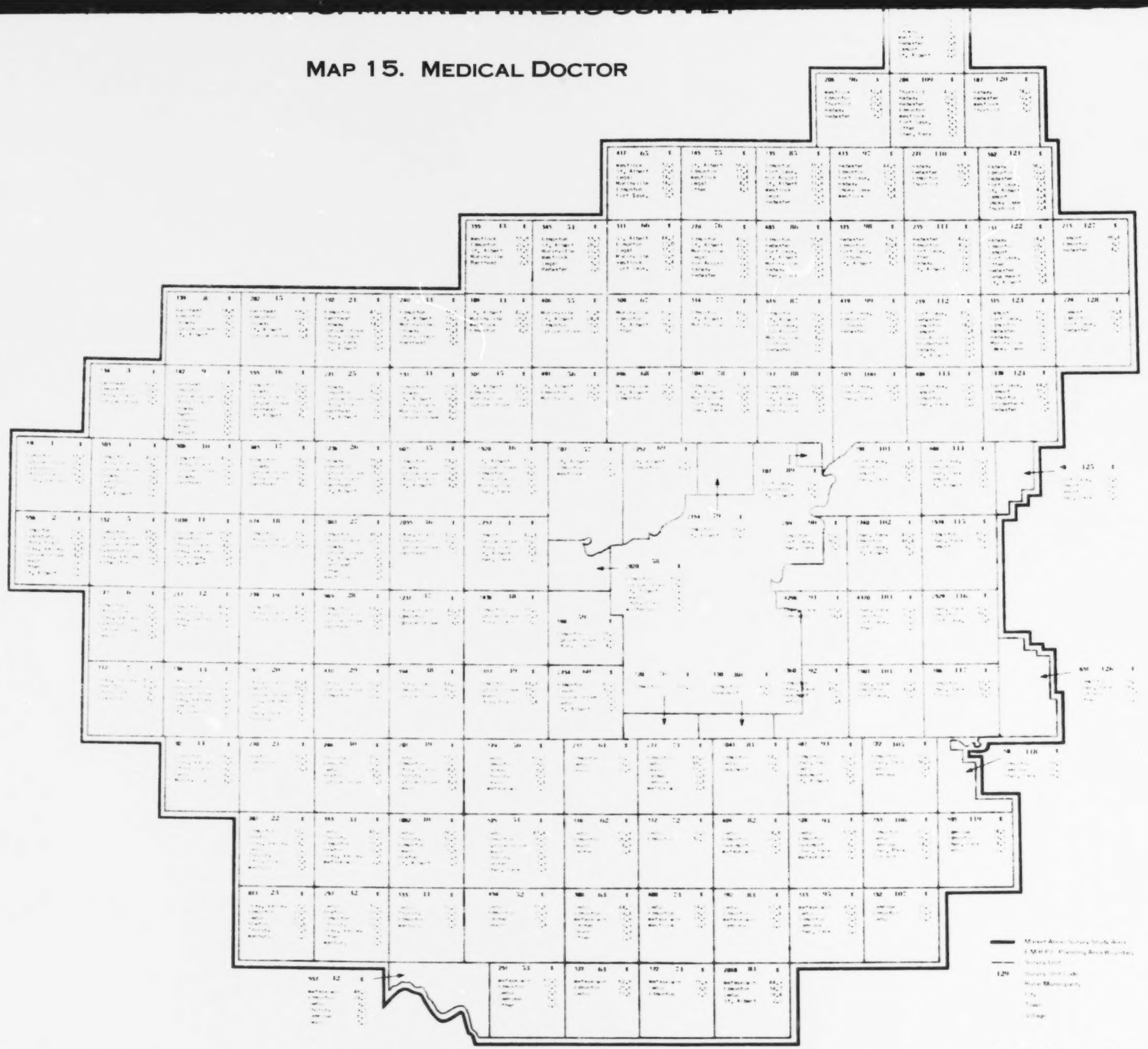
SERVICE ORIENTATION OF URBAN HOUSEHOLDS IN THE E.M.R.P.C. PLANNING AREA

TYPE OF GOOD (SERVICE): **MEDICAL DOCTOR**

SUPPLYING CENTRES	URBAN CENTRES IN THE E.M.R.P.C. PLANNING AREA														
	Beaumont	Bon Accord	Calmar	Devon	Fort Sask.	Gibbons	Leduc	Legal	Morin-ville	New Sarepta	Redwater	St. Albert	Sher. Park	Spruce Grove	Stony Plain
Local	43.3	8.4	28.9	72.6	83.0	10.3	76.8	25.6	51.8	-	73.0	80.6	75.1	57.7	57.1
Edmonton	51.0	51.9	18.4	22.6	15.3	43.8	22.4	24.8	22.4	56.0	11.8	18.6	24.1	38.0	27.4
Beaumont	-	-	-	0.5	-	-	-	-	-	-	-	-	-	-	-
Bon Accord	-	-	-	-	-	1.6	-	1.5	-	-	-	-	-	-	-
Calmar	-	-	-	-	-	-	0.4	-	-	-	-	-	-	-	-
Devon	-	-	13.8	-	-	-	-	-	-	1.1	-	-	-	-	-
Fort Sask.	-	4.5	-	-	-	36.8	-	0.8	0.4	-	11.8	-	-	-	-
Gibbons	-	2.6	-	-	-	-	-	-	-	-	-	-	-	-	-
Leduc	2.6	-	37.5	3.4	-	-	-	-	-	14.3	-	-	-	-	-
Morinville	-	10.4	-	-	-	-	-	8.3	-	-	-	-	-	-	-
Redwater	-	-	-	-	-	3.2	-	0.8	-	-	-	-	-	-	-
St. Albert	0.5	20.8	-	0.5	-	3.8	-	30.8	24.1	1.1	1.9	-	-	1.3	0.4
Sher. Park	2.6	-	-	-	-	-	-	-	-	23.1	-	-	-	-	-
Spruce Grove	-	-	-	0.5	-	-	-	-	-	-	-	-	-	-	13.7
Stony Plain	-	-	-	-	-	-	-	-	0.4	-	-	0.4	-	3.0	-
Namao	-	1.3	-	-	-	-	-	-	-	-	-	-	-	-	-
Camrose	-	-	-	-	-	-	-	-	-	3.3	-	-	-	-	-
Drayton Valley	-	-	0.7	-	-	-	-	-	-	-	-	-	-	-	-
Lamont	-	-	-	-	0.9	-	-	-	-	-	0.5	-	-	-	-
Barrhead	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4
Onoway	-	-	-	-	-	-	-	-	-	-	-	-	0.4	-	-
Tofield	-	-	-	-	-	-	-	-	-	1.1	-	-	0.4	-	-
Westlock	-	-	-	-	0.4	-	-	7.5	0.4	-	-	0.4	-	-	-
Wetaskiwin	-	-	0.7	-	-	-	-	-	-	-	-	-	-	-	-
Radway	-	-	-	-	-	-	-	-	-	-	0.5	-	-	-	-
Other	-	-	-	-	-	0.5	0.4	-	0.4	-	0.5	-	-	-	0.9
All Over	-	-	-	-	0.4	-	-	-	-	-	-	-	-	-	-

NOTE: Figures in the table indicate the proportions (percentage) of the households of those urban centres listed horizontally, shopping for a particular good or service in the "supplying centres" listed vertically.

MAP 15. MEDICAL DOCTOR



Note: Shenandoah Park is not incorporated.

TABLE 14

SERVICE ORIENTATION OF URBAN HOUSEHOLDS IN THE E.M.R.P.C. PLANNING AREA

TYPE OF GOOD (SERVICE): **INSURANCE**

SUPPLYING CENTRES	URBAN CENTRES IN THE E.M.R.P.C. PLANNING AREA														
	Beaumont	Bon Accord	Calmar	Devon	Fort Sask.	Gibbons	Leduc	Legal	Morin-ville	New Sarepta	Redwater	St. Albert	Sher. Park	Spruce Grove	Stony Plain
Local	27.6	30.3	6.0	32.2	70.7	39.7	73.1	50.7	39.0	1.1	70.9	41.1	30.8	42.7	58.5
Edmonton	58.7	52.3	18.5	48.3	23.1	41.8	23.5	30.1	42.2	61.1	16.0	55.5	62.5	44.9	30.8
Bon Accord	-	-	-	-	-	1.1	-	0.7	-	-	-	-	-	-	-
Devon	-	-	1.3	-	-	-	-	-	-	1.1	-	-	-	-	-
Fort Sask.	-	2.6	-	-	-	8.7	-	-	-	1.1	2.8	-	0.8	-	-
Gibbons	-	7.1	-	-	0.4	-	-	0.7	-	-	2.3	-	0.4	-	-
Beaumont	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4
Calmar	-	-	-	-	-	-	-	-	-	-	-	-	0.4	-	-
Leduc	8.2	0.6	62.3	11.7	-	-	-	-	-	20.0	0.5	-	1.2	0.4	-
Legal	-	1.3	-	-	0.4	-	-	-	0.5	-	-	-	-	-	-
Morinville	-	0.6	0.7	-	-	0.5	-	2.2	-	-	-	0.8	0.4	-	-
Redwater	-	1.9	-	-	0.9	0.5	-	-	0.5	-	-	-	-	-	-
St. Albert	1.0	0.6	0.7	1.0	-	2.2	-	5.1	11.5	-	0.5	-	-	1.3	0.4
Sher. Park	0.5	-	-	0.5	0.9	0.5	-	-	-	4.4	-	0.4	-	-	-
Spruce Grove	-	-	0.7	0.5	0.4	0.5	-	0.7	-	-	0.5	-	0.4	-	5.4
Stony Plain	-	-	-	1.0	-	-	-	-	0.5	-	-	0.4	-	6.8	-
Namao	-	-	-	-	-	-	-	-	-	-	-	0.4	-	-	-
Thorhild	-	-	-	-	-	0.5	-	0.7	-	-	1.9	-	-	-	-
Onoway	-	-	-	-	-	-	-	-	0.5	-	-	0.4	-	0.4	0.4
Mundare	-	-	-	-	-	-	-	-	-	-	-	-	0.4	-	-
Andrew	-	-	-	-	0.9	0.5	-	-	-	-	-	-	-	-	-
Barrhead	-	-	-	0.5	-	0.5	-	-	0.5	-	-	-	-	-	-
Bruderheim	-	-	-	-	0.4	0.5	-	-	-	-	-	-	-	-	-
Camrose	-	0.6	2.0	1.0	-	-	-	-	-	4.4	-	-	-	-	-
Carvel	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4
Drayton Valley	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	-
Evansburg	-	-	-	-	-	-	-	-	0.5	-	-	-	-	-	-
Hay Lakes	-	-	-	-	-	-	-	-	-	4.4	-	-	-	-	-
Millet	-	-	-	-	-	-	-	-	-	1.1	-	-	-	-	-
Lamont	-	-	-	-	-	-	-	-	-	-	0.5	-	-	-	-
Thorsby	-	-	4.0	0.5	-	-	-	-	-	-	-	-	-	-	-
Tofield	-	-	-	-	-	-	-	-	-	1.1	-	-	0.4	-	-
Wetaskiwin	0.5	-	0.7	-	-	-	-	-	0.5	-	-	-	-	-	0.4
Smoky Lake	-	-	-	-	-	-	-	-	-	-	0.5	-	-	-	-
Wabamun	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	0
Westlock	-	1.3	-	-	-	0.5	-	3.7	0.9	-	-	-	-	0.4	-
Other	3.6	0.6	3.3	2.9	1.8	1.6	3.4	5.1	3.2	-	3.8	1.3	2.0	1.7	3.1
All Over	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	-

NOTE: Figures in the table indicate the proportions (percentage) of the households of those urban centres listed horizontally, shopping for a particular good or service in the "supplying centres" listed vertically.

L.M.R.P.C. MARKET AREAS SURVEY

MAP 16. INSURANCE

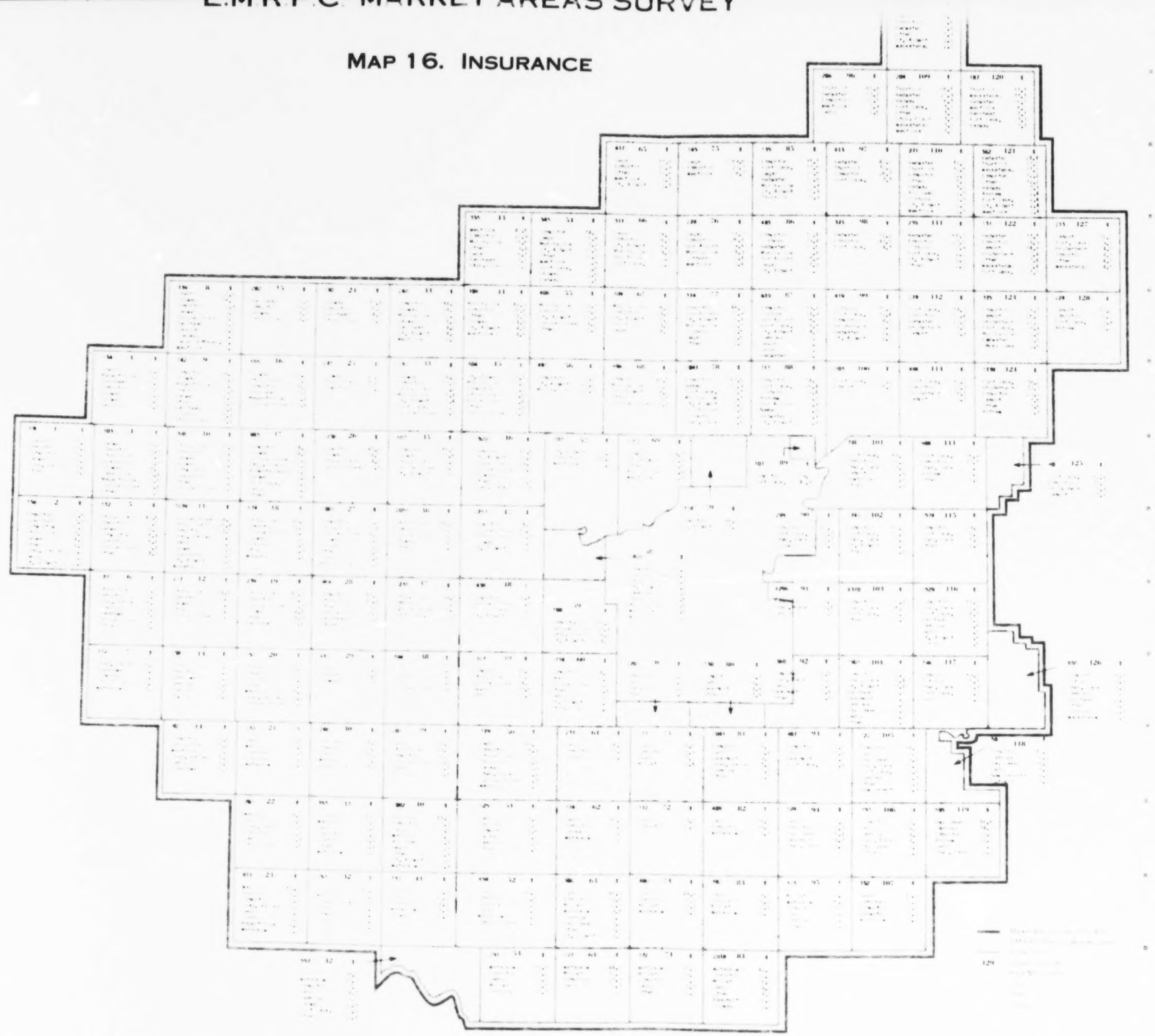


TABLE 15

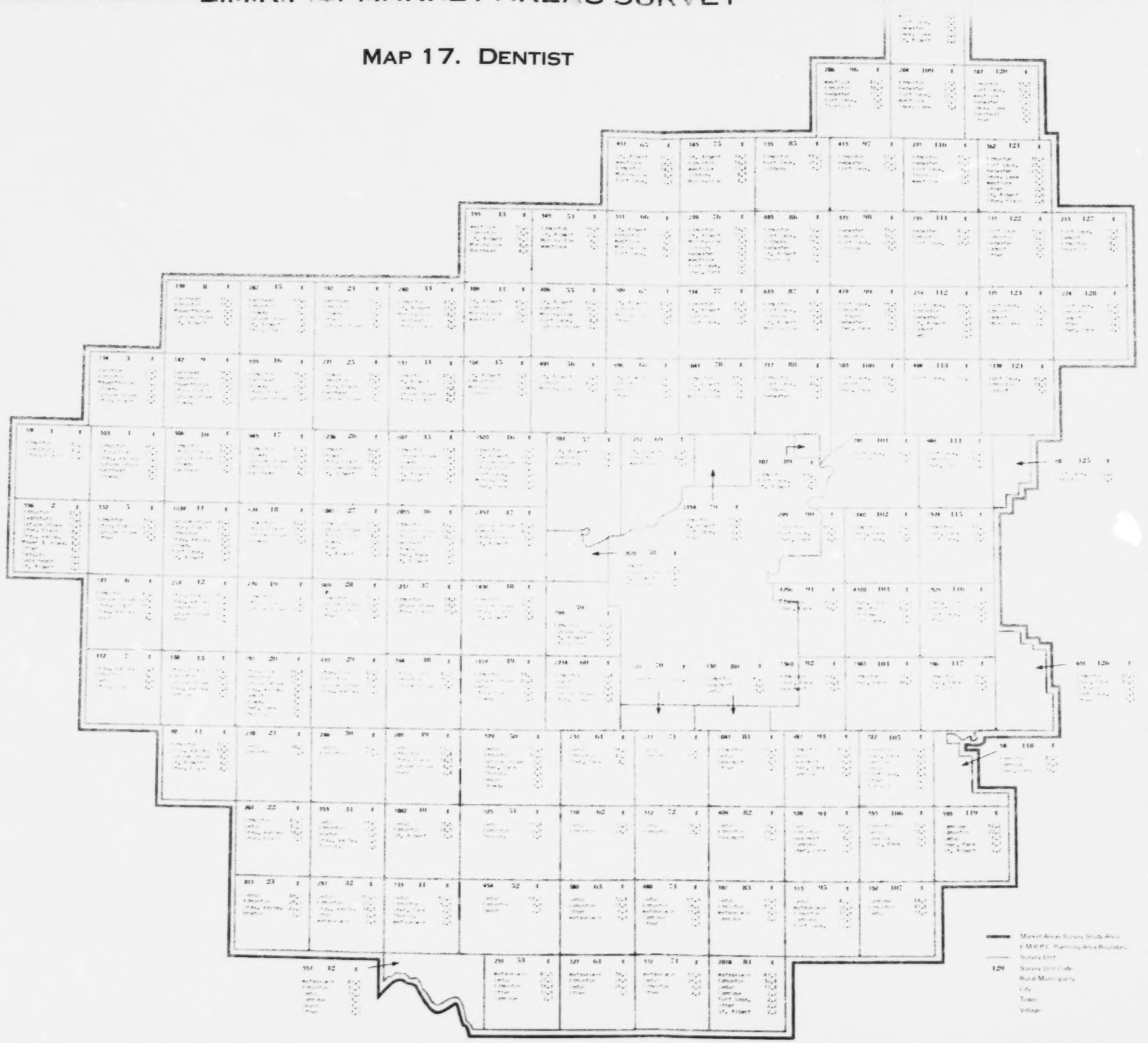
SERVICE ORIENTATION OF URBAN HOUSEHOLDS IN THE E.M.R.P.C. PLANNING AREA

TYPE OF GOOD (SERVICE): **DENTIST**

SUPPLYING CENTRES	URBAN CENTRES IN THE E.M.R.P.C. PLANNING AREA														
	Beaumont	Bon Accord	Calmar	Devon	Fort Sask.	Gibbons	Leduc	Legal	Morin-ville	New Sarepta	Redwater	St. Albert	Sher. Park	Spruce Grove	Stony Plain
Local	51.1	-	-	30.7	86.2	43.8	77.6	-	27.3	-	39.4	73.3	66.5	63.2	43.3
Edmonton	44.6	58.3	27.1	33.7	11.2	36.0	22.4	38.1	32.4	72.8	23.1	26.3	31.8	33.3	29.2
Beaumont	-	-	-	1.0	-	-	-	-	-	-	-	-	-	-	-
Devon	-	-	4.2	-	-	-	-	-	-	-	-	-	-	-	-
Fort Sask.	-	12.6	-	0.5	-	19.1	-	3.7	0.5	2.5	29.8	-	0.4	-	-
Gibbons	-	13.9	-	-	0.9	-	-	-	-	-	2.4	-	-	-	-
Leduc	3.2	-	65.3	30.7	-	-	-	-	-	11.1	-	-	-	-	-
Redwater	-	0.7	-	-	-	0.6	-	0.7	-	-	-	-	-	-	-
St. Albert	-	13.2	0.7	0.5	-	0.6	-	42.5	38.4	-	1.9	-	-	0.9	0.9
Sher. Park	0.5	0.7	-	0.5	1.3	-	-	-	-	11.1	0.5	-	-	-	0.5
Spruce Grove	-	-	-	2.0	-	-	-	-	-	-	-	0.4	-	-	23.7
Morinville	-	-	-	-	-	-	-	2.2	-	-	-	-	-	-	-
Stony Plain	-	-	-	-	-	-	-	-	-	-	-	-	-	2.1	-
Namao	-	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-
Camrose	-	-	0.7	0.5	-	-	-	-	-	2.5	-	-	-	-	-
Westlock	-	-	-	-	-	-	-	12.7	1.4	-	2.4	-	-	-	-
Onoway	-	-	-	-	-	-	-	-	-	-	-	-	0.4	-	1.4
Tofield	-	-	-	-	-	-	-	-	-	-	-	-	0.4	-	-
Other	0.5	-	2.1	-	0.4	-	-	-	-	-	0.5	-	0.4	0.4	0.9

NOTE: Figures in the table indicate the proportions (percentage) of the households of those urban centres listed horizontally, shopping for a particular good or service in the "supplying centres" listed vertically.

MAP 17. DENTIST



Note: Sherwood Park is not incorporated

TABLE 16

SERVICE ORIENTATION OF URBAN HOUSEHOLDS IN THE E.M.R.P.C. PLANNING AREA

TYPE OF GOOD (SERVICE): **LAWYER**

SUPPLYING CENTRES	URBAN CENTRES IN THE E.M.R.P.C. PLANNING AREA														
	Beaumont	Bon Accord	Calmar	Devon	Fort Sask.	Gibbons	Leduc	Legal	Morin-ville	New Sarepta	Redwater	St. Albert	Sher. Park	Spruce Grove	Stony Plain
Local	15.5	-	7.3	44.7	60.2	8.4	70.8	32.2	20.1	-	57.4	34.2	41.3	38.8	36.5
Edmonton	73.5	92.0	36.3	46.0	39.3	78.6	25.9	52.2	63.2	81.8	37.2	62.9	58.3	58.4	52.5
Bon Accord	-	-	-	-	-	-	-	0.9	0.6	-	-	-	-	-	-
Devon	0.6	-	5.6	-	-	-	-	-	-	-	-	-	-	-	-
Fort Sask.	-	2.4	-	-	-	10.7	-	0.9	-	-	2.7	-	-	-	-
Gibbons	-	0.8	-	-	-	-	-	-	-	-	0.5	-	-	-	-
Beaumont	-	-	-	-	-	-	-	-	-	-	-	0.5	-	-	-
Leduc	5.8	-	45.2	6.8	-	0.8	-	-	-	9.1	-	-	-	1.1	-
Legal	-	-	-	-	-	-	-	-	0.6	-	-	-	-	-	-
Morinville	-	1.6	-	-	-	-	-	1.7	-	-	0.5	-	-	-	-
St. Albert	-	3.2	-	-	-	-	-	6.1	15.5	-	-	-	-	-	-
Sher. Park	1.9	-	0.8	-	0.5	-	-	-	-	3.0	0.5	-	-	0.6	0.6
Spruce Grove	-	-	-	1.2	-	-	-	-	-	-	-	1.0	-	-	8.8
Nisku	1.9	-	0.8	-	-	-	0.9	-	-	-	-	-	-	-	-
Stony Plain	-	-	-	-	-	-	-	-	-	-	-	0.5	-	1.1	-
Barrhead	-	-	-	-	-	0.8	-	-	-	-	0.5	-	-	-	0.6
Camrose	-	-	-	-	-	-	0.5	-	-	4.5	-	-	-	-	-
Thorsby	-	-	0.8	-	-	-	-	-	-	-	-	-	-	-	-
Warburg	-	-	0.8	-	-	-	-	-	-	-	-	-	-	-	-
Westlock	-	-	-	-	-	-	-	5.2	-	-	0.5	-	0.5	-	-
Wetaskiwin	-	-	0.8	0.6	-	-	0.9	-	-	-	-	-	-	-	-
Other	0.6	-	1.6	0.6	-	0.8	0.9	0.9	-	1.5	-	1.0	-	-	1.1

NOTE: Figures in the table indicate the proportions (percentage) of the households of those urban centres listed horizontally, shopping for a particular good or service in the "supplying centres" listed vertically.

E.M.R.P.C. MARKET AREAS SURVEY

MAP 18. LAWYER

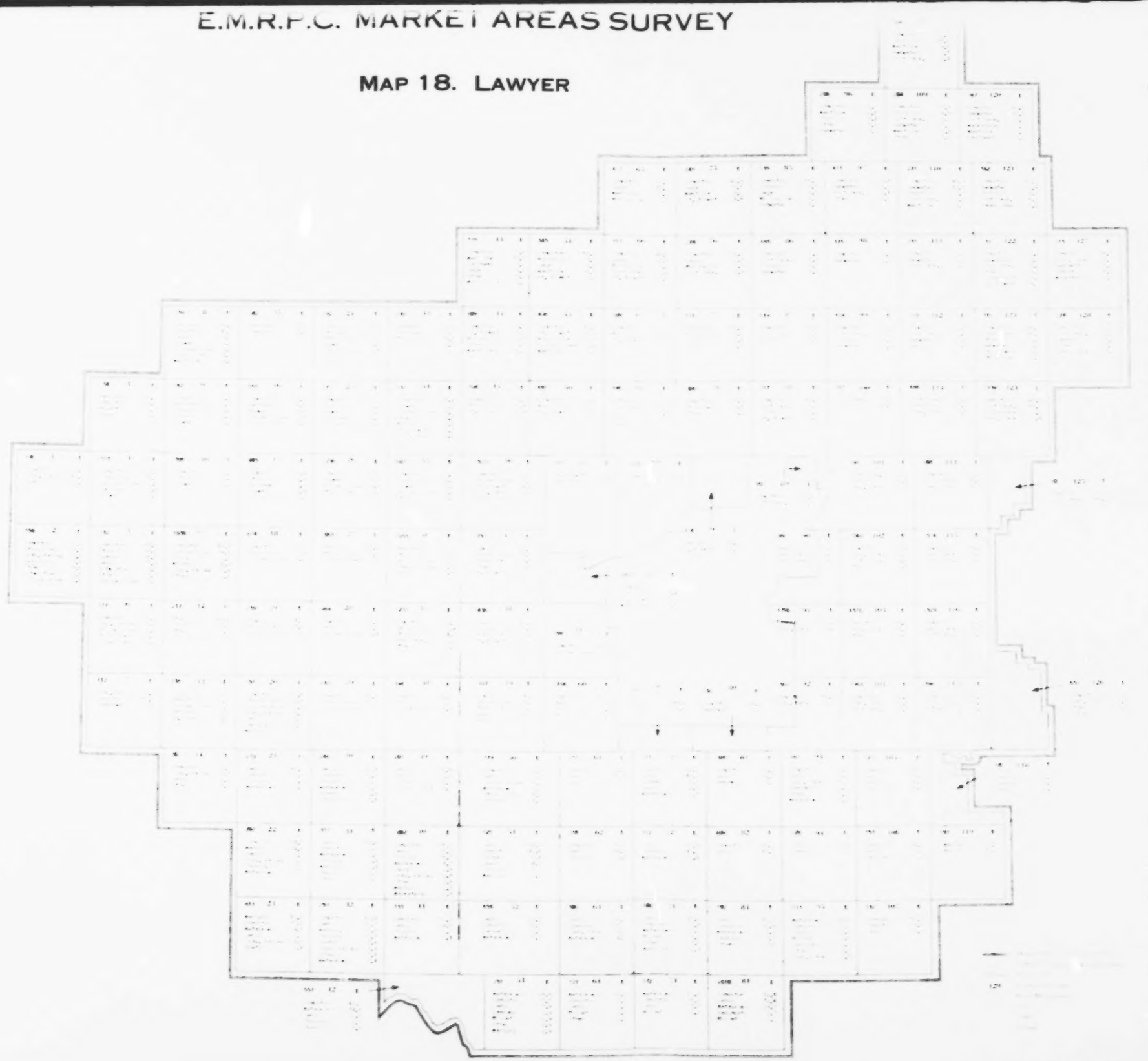


TABLE 17

SERVICE ORIENTATION OF URBAN HOUSEHOLDS IN THE E.M.R.P.C. PLANNING AREA

TYPE OF GOOD (SERVICE): **VETERINARIAN**

SUPPLYING CENTRES	URBAN CENTRES IN THE E.M.R.P.C. PLANNING AREA														
	Beaumont	Bon Accord	Calmar	Devon	Fort Sask.	Gibbons	Leduc	Legal	Morinville	New Sarepta	Redwater	St. Albert	Sher. Park	Spruce Grove	Stony Plain
Legal	58.3	3.8	1.0	76.6	93.2	57.3	97.5	3.5	83.5	-	69.4	90.1	95.3	91.5	77.3
Edmonton	20.0	30.5	1.0	5.1	1.7	17.7	2.5	12.8	5.0	34.1	4.0	7.0	4.0	3.9	3.4
Beaumont	-	-	-	0.7	-	-	-	-	-	-	-	-	-	-	-
Devon	-	-	5.1	-	-	-	-	-	-	-	-	-	-	-	-
Fort Sask.	-	10.5	-	-	-	22.9	-	-	-	-	10.5	-	-	-	-
Gibbons	-	8.6	-	-	0.8	-	-	1.2	-	-	1.6	-	-	-	-
Leduc	20.0	-	79.8	9.5	-	-	-	-	-	40.9	-	-	-	-	-
Morinville	-	33.3	-	-	-	1.0	-	40.7	-	-	1.6	2.1	0.7	-	-
Redwater	-	1.9	-	-	0.8	-	-	1.2	-	-	-	-	-	-	-
St. Albert	-	7.6	-	-	-	-	-	12.8	9.9	-	-	-	-	-	-
Sher. Park	1.7	-	-	-	0.8	-	-	-	-	15.9	-	-	-	-	-
Spruce Grove	-	-	-	8.0	-	-	-	1.2	0.8	-	-	0.7	-	-	18.5
Stony Plain	-	-	-	-	-	-	-	1.2	0.8	-	-	-	-	3.9	-
Namao	-	2.9	-	-	0.8	-	-	-	-	-	-	-	-	-	-
Ardrossan	-	-	-	-	1.7	-	-	-	-	-	-	-	-	-	-
Camrose	-	-	-	-	-	-	-	-	-	4.5	-	-	-	-	-
Smoky Lake	-	-	-	-	-	1.0	-	-	-	-	-	-	-	-	-
Thorsby	-	-	13.1	-	-	-	-	-	-	-	-	-	-	-	-
Barrhead	-	-	-	-	-	-	-	-	-	-	-	-	-	0.7	-
Thorhild	-	1.0	-	-	-	-	-	3.5	-	-	10.5	-	-	-	-
Tofield	-	-	-	-	-	-	-	-	-	2.3	-	-	-	-	-
Westlock	-	-	-	-	-	-	-	22.1	-	-	0.8	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	2.3	1.6	-	-	-	0.8

NOTE: Figures in the table indicate the proportions (percentage) of the households of those urban centres listed horizontally, shopping for a particular good or service in the "supplying centres" listed vertically.

MAP 19. VETERINARIAN

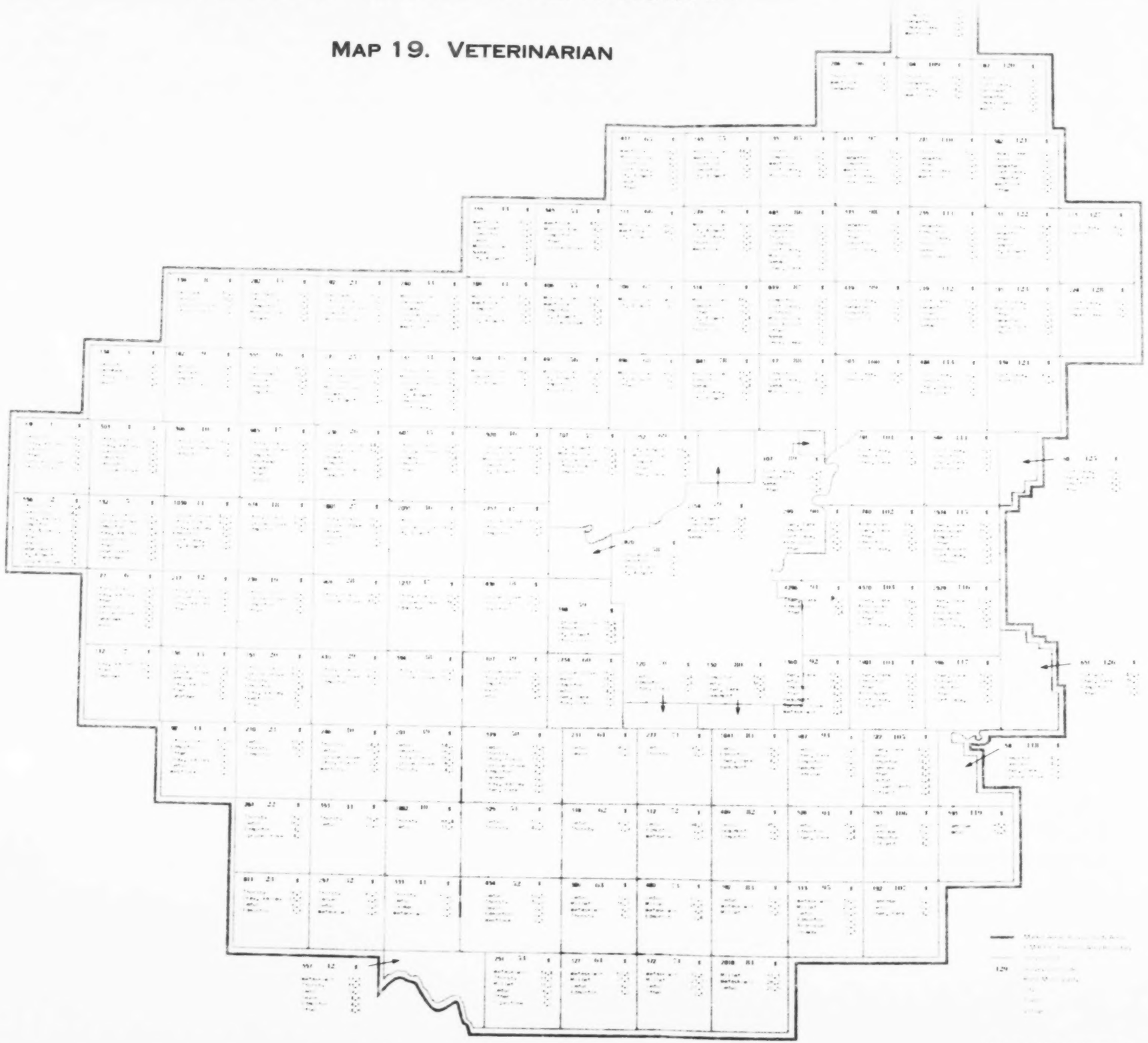


TABLE 18

SERVICE ORIENTATION OF URBAN HOUSEHOLDS IN THE E.M.R.P.C. PLANNING AREA

TYPE OF GOOD (SERVICE): **FURNITURE**

SUPPLYING CENTRES	URBAN CENTRES IN THE E.M.R.P.C. PLANNING AREA														
	Beaumont	Bon Accord	Calmar	Devon	Fort Sask.	Gibbons	Leduc	Legal	Morinville	New Sarepta	Redwater	St. Albert	Sher. Park	Spruce Grove	Stony Plain
Local	-	-	-	1.6	2.0	-	27.7	-	0.5	-	3.0	4.8	8.7	1.4	4.1
Edmonton	95.4	100.0	85.4	96.9	97.0	99.4	64.7	96.2	94.3	95.8	95.6	94.3	90.9	98.6	93.6
Fort Sask.	-	-	-	-	-	0.6	-	-	-	-	1.0	-	-	-	0.5
Leduc	1.0	-	12.6	1.0	-	-	-	-	-	-	-	-	-	-	-
St. Albert	-	-	-	-	-	-	-	1.5	3.8	-	-	-	-	-	-
Sher. Park	-	-	-	-	0.5	-	-	-	-	-	-	-	-	-	-
Spruce Grove	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.9
Barrhead	-	-	-	-	-	-	-	-	0.5	-	-	-	-	-	-
Camrose	-	-	-	-	-	-	-	-	-	2.8	-	-	-	-	-
Westlock	3.6	-	1.3	-	0.5	-	7.7	1.5	0.9	-	0.5	0.9	-	-	-
Wetaskiwin	-	-	0.7	0.5	-	-	-	0.8	-	-	-	-	-	-	0.5
Other	-	-	-	-	-	-	-	-	-	-	-	-	0.4	-	-
All Over	-	-	-	-	-	-	-	-	-	1.4	-	-	-	-	0.5

NOTE: Figures in the table indicate the proportions (percentage) of the households of those urban centres listed horizontally, shopping for a particular good or service in the "supplying centres" listed vertically.

MAP 20. FURNITURE

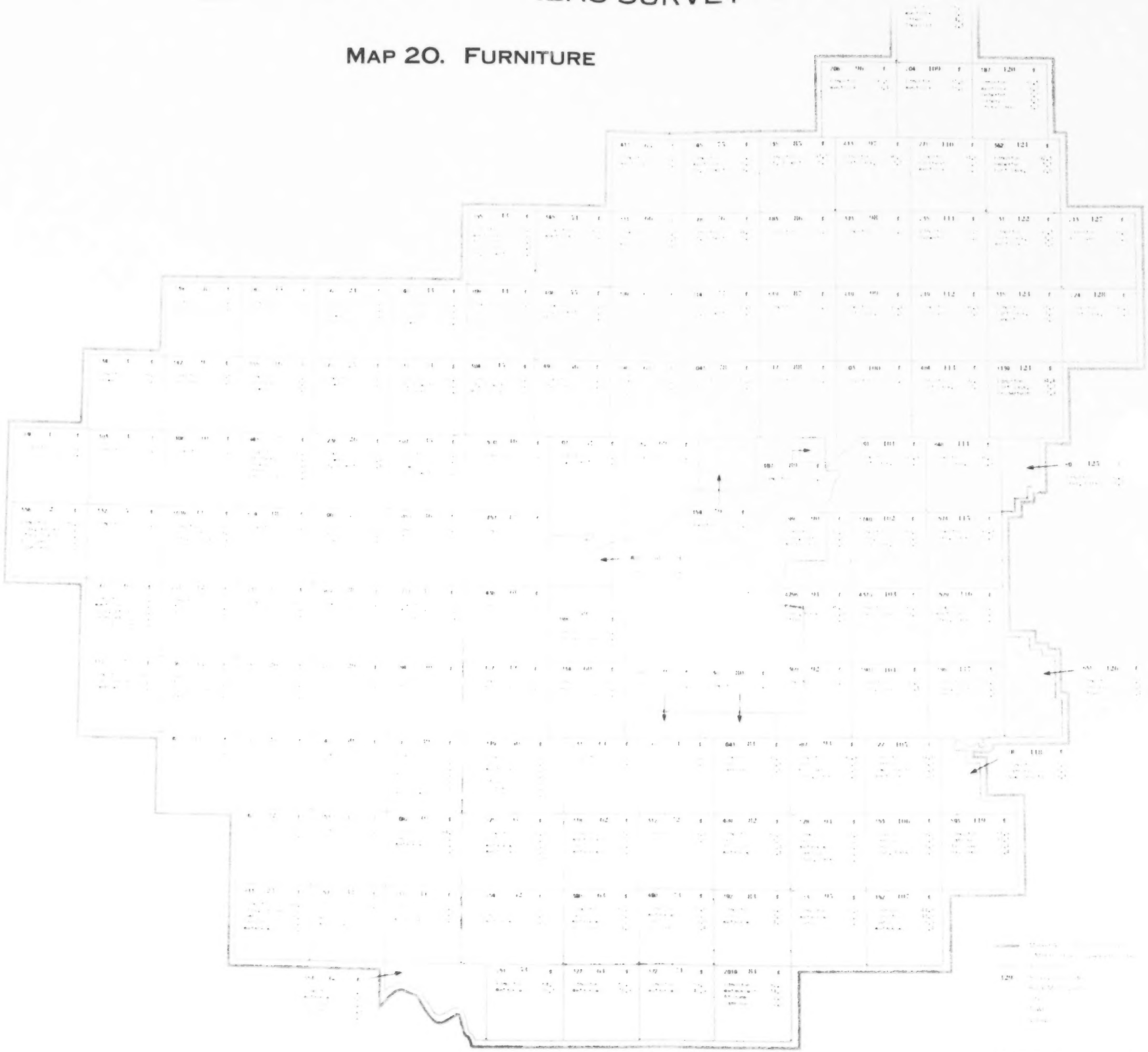


TABLE 19

SERVICE ORIENTATION OF URBAN HOUSEHOLDS IN THE E.M.R.P.C. PLANNING AREA

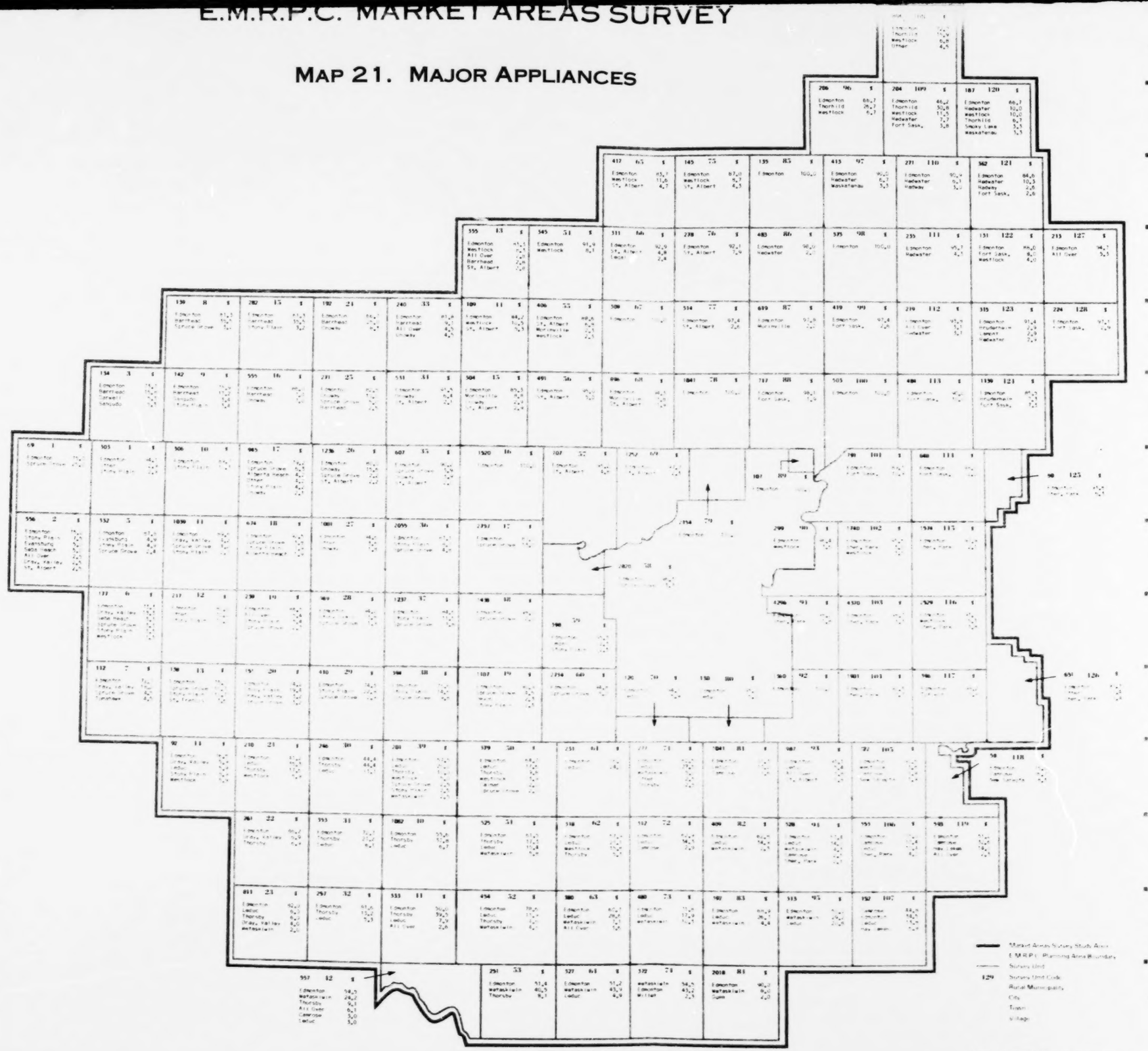
TYPE OF GOOD (SERVICE): **MAJOR APPLIANCES**

SUPPLYING CENTRES	URBAN CENTRES IN THE E.M.R.P.C. PLANNING AREA														
	Beaumont	Bon Accord	Calmar	Devon	Fort Sask.	Gibbons	Leduc	Legal	Morin-ville	New Sarepta	Redwater	St. Albert	Sher. Park	Spruce Grove	Stony Plain
Local	0.5	-	0.7	5.1	5.8	0.6	34.2	2.4	2.8	1.4	17.9	7.3	5.5	7.7	14.6
Edmonton	95.4	99.3	84.8	91.3	93.8	98.3	57.1	89.7	92.6	94.6	81.2	90.8	93.6	90.9	84.0
Fort Sask.	-	-	-	-	-	-	0.4	-	-	-	0.5	-	-	-	-
Leduc	2.1	-	11.9	3.1	-	-	-	-	-	-	-	-	-	-	-
Morinville	-	-	-	-	-	-	-	0.8	-	-	-	-	-	-	-
Redwater	-	-	-	-	0.5	0.6	-	-	-	-	-	-	-	-	-
St. Albert	-	0.7	-	-	-	-	-	4.8	2.8	-	-	-	-	-	-
Spruce Grove	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.4
Stony Plain	-	-	-	-	-	-	-	-	-	-	-	-	-	1.4	-
Barrhead	-	-	-	-	-	-	-	0.8	-	-	-	-	-	-	-
Camrose	-	-	-	-	-	-	-	-	-	2.7	-	-	-	-	-
Onoway	-	-	-	-	-	-	-	-	0.5	-	-	-	-	-	-
Thorsby	-	-	0.7	-	-	-	-	-	-	-	-	-	-	-	-
Westlock	2.1	-	1.3	-	-	-	7.4	1.6	1.4	-	-	1.8	-	-	-
Wetaskiwin	-	-	0.7	-	-	-	0.4	-	-	-	-	-	-	-	-
Other	-	-	-	0.5	-	-	0.4	-	-	-	0.5	-	0.8	-	-
All Over	-	-	-	-	-	0.6	-	-	-	1.4	-	-	-	-	-

NOTE: Figures in the table indicate the proportions (percentage) of the households of those urban centres listed horizontally, shopping for a particular good or service in the "supplying centres" listed vertically.

E.M.R.P.C. MARKET AREAS SURVEY

MAP 21. MAJOR APPLIANCES



Note: Sherwood Park is not incorporated.

TABLE 20

SERVICE ORIENTATION OF URBAN HOUSEHOLDS IN THE E.M.R.P.C. PLANNING AREA

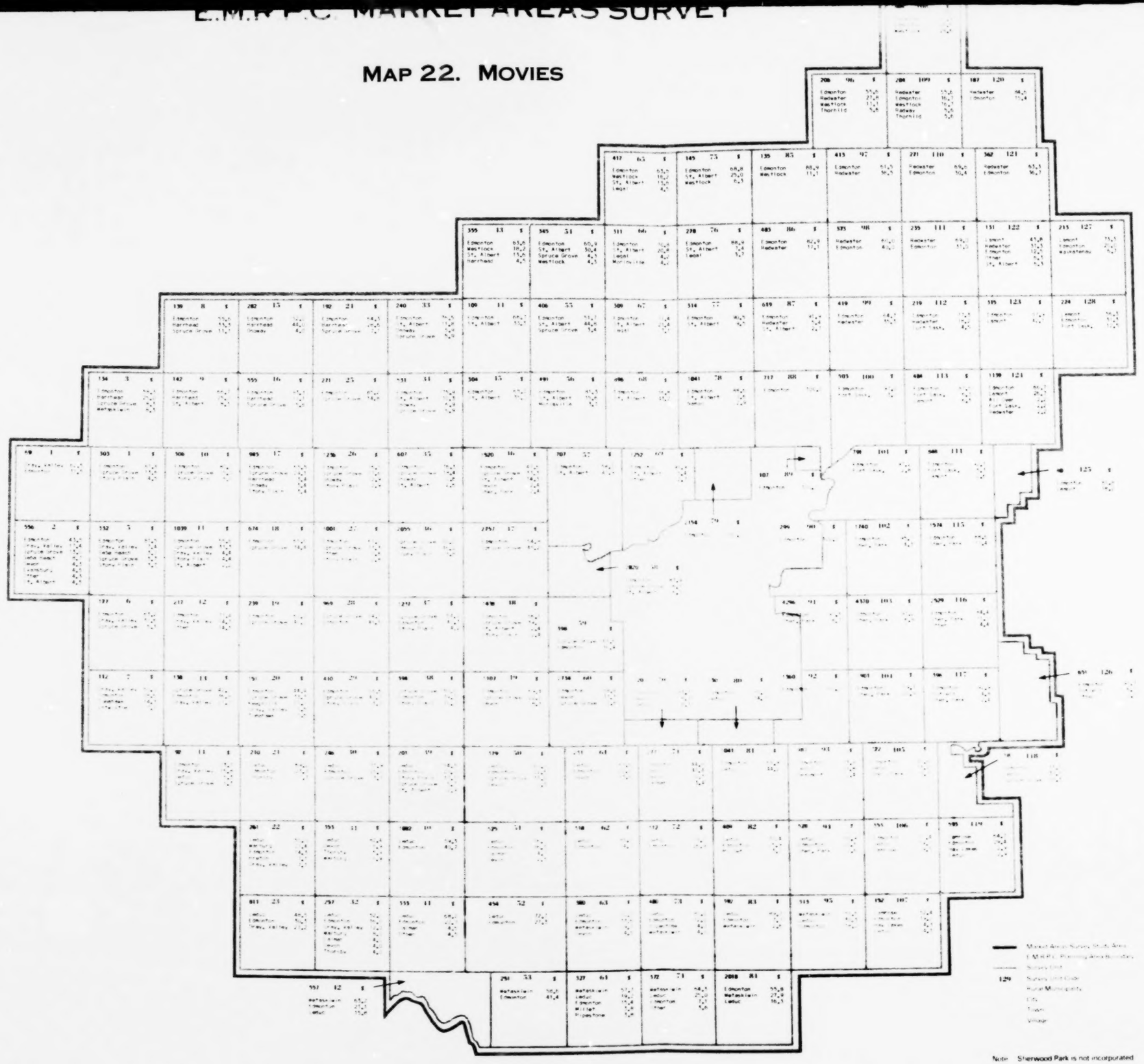
TYPE OF GOOD (SERVICE): **MOVIES**

SUPPLYING CENTRES	URBAN CENTRES IN THE E.M.R.P.C. PLANNING AREA														
	Beaumont	Bon Accord	Calmar	Devon	Fort Sask.	Gibbons	Leduc	Legal	Morin-ville	New Sarepta	Redwater	St. Albert	Sher. Park	Spruce Grove	Stony Plain
Local	1.8	0.7	-	59.2	2.3	5.0	72.3	0.8	3.2	-	68.9	44.4	17.0	48.7	3.4
Edmonton	86.0	95.5	23.0	38.5	97.1	86.4	27.7	83.9	67.4	74.2	30.5	55.6	82.5	50.8	59.2
Devon	0.6	-	4.8	-	-	-	-	-	-	-	-	-	-	-	-
Fort Sask.	-	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-
Leduc	11.7	-	71.4	1.7	-	-	-	-	-	16.1	-	-	-	-	-
Morinville	-	-	0.8	-	-	-	-	-	-	-	-	-	-	-	-
Redwater	-	-	-	-	-	7.1	-	0.8	-	-	-	-	-	-	-
St. Albert	-	3.0	-	-	-	0.7	-	10.5	28.9	-	-	-	-	-	-
Sher. Park	-	-	-	-	0.6	-	-	-	-	9.7	-	-	-	-	-
Spruce Grove	-	-	-	0.6	-	-	-	-	-	-	-	-	0.5	-	37.4
Stony Plain	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5	-
Westlock	-	-	-	-	-	-	-	2.4	0.5	-	-	-	-	-	-
Other	-	-	-	-	-	0.7	-	1.6	-	-	0.6	-	-	-	-

NOTE: Figures in the table indicate the proportions (percentage) of the households of those urban centres listed horizontally, shopping for a particular good or service in the "supplying centres" listed vertically.

E.M.R.P.C. MARKET AREAS SURVEY

MAP 22. MOVIES



Note: Sherwood Park is not incorporated

TABLE 21

SERVICE ORIENTATION OF URBAN HOUSEHOLDS IN THE E.M.R.P.C. PLANNING AREA

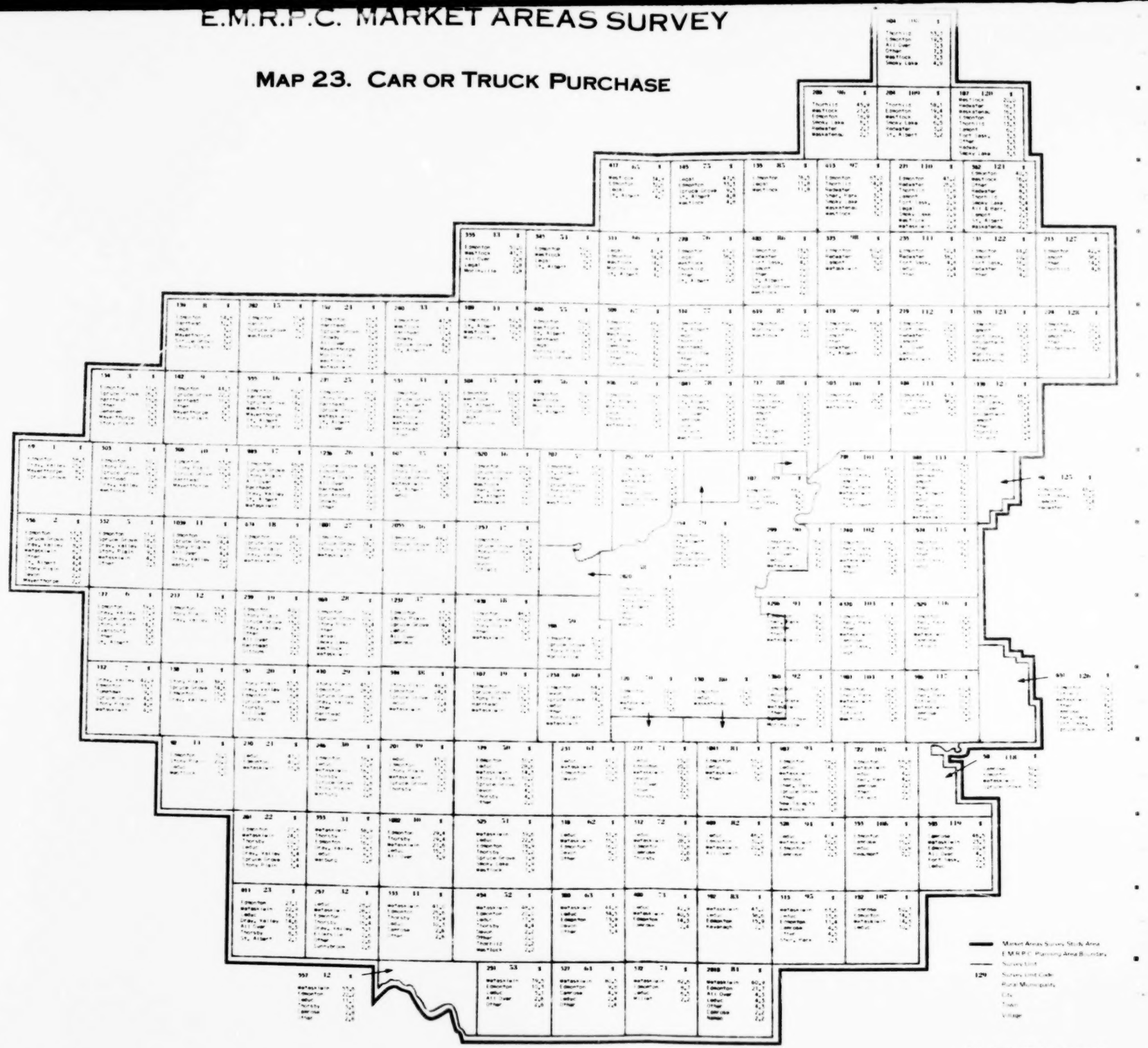
TYPE OF GOOD (SERVICE): **CAR OR TRUCK PURCHASE**

SUPPLYING CENTRES	URBAN CENTRES IN THE E.M.R.P.C. PLANNING AREA														
	Beaumont	Bon Accord	Calmar	Devon	Fort Sask.	Gibbons	Leduc	Legal	Morin-ville	New Sarepta	Redwater	St. Albert	Sher. Park	Spruce Grove	Stony Plain
Local	0.5	-	1.4	23.5	38.8	0.6	52.0	33.6	9.1	-	31.3	24.0	21.6	49.5	37.0
Edmonton	76.4	84.5	59.6	57.5	50.7	72.9	33.9	46.1	62.7	61.0	57.6	63.5	66.5	43.7	42.0
Devon	-	-	0.7	-	-	-	-	-	-	-	-	-	0.4	-	-
Fort Sask.	-	2.6	-	-	-	10.7	0.4	-	1.0	-	2.5	-	1.2	-	-
Leduc	12.0	-	19.9	7.0	-	-	-	0.8	-	10.4	-	0.9	2.0	0.9	0.5
Legal	-	0.6	-	-	0.5	-	-	-	3.3	-	-	0.4	-	-	-
Morinville	0.5	1.9	-	-	0.5	1.1	-	3.9	-	1.3	0.5	3.9	-	-	-
Redwater	-	0.6	-	-	1.0	1.1	-	-	-	-	-	0.4	0.4	-	-
St. Albert	-	5.2	-	-	-	1.7	-	3.1	12.4	-	0.5	-	-	0.5	-
Sher. Park	1.0	-	-	-	-	-	-	-	-	2.6	-	0.4	-	0.5	-
Spruce Grove	0.5	0.6	-	2.0	-	-	-	-	-	-	-	0.9	-	-	15.5
Stony Plain	-	0.6	-	-	-	-	-	-	1.0	1.3	-	-	-	2.3	-
Barrhead	-	-	-	-	-	0.6	-	0.8	0.5	-	-	-	-	0.5	-
Camrose	0.5	-	-	-	0.5	1.1	-	-	0.5	6.5	-	-	0.8	-	-
Lamont	-	0.6	-	-	0.5	-	-	-	-	-	0.5	-	-	-	-
Smoky Lake	-	-	-	-	-	0.6	-	-	0.5	-	1.5	-	-	-	-
Thorsby	-	-	-	0.5	-	-	-	-	-	-	-	-	-	-	-
Bruderheim	-	-	-	-	-	-	-	-	-	-	-	0.4	-	-	-
Thorhild	-	0.6	-	-	-	1.7	-	-	0.5	-	2.5	0.4	-	-	0.5
Tofield	-	-	-	-	-	-	-	-	-	1.3	-	0.4	-	-	-
Westlock	-	-	-	-	-	0.6	2.2	8.6	4.3	-	-	-	0.4	-	-
Wetaskiwin	7.3	1.3	16.4	8.5	1.9	2.8	10.1	1.6	1.9	11.7	1.0	0.9	2.0	0.9	2.3
Other	1.0	0.6	2.1	1.0	5.7	4.0	1.3	1.6	1.9	3.9	2.0	3.0	4.5	1.4	2.3
All Over	-	-	-	-	-	0.6	-	-	0.5	-	-	-	-	-	-

NOTE: Figures in the table indicate the proportions (percentage) of the households of those urban centres listed horizontally, shopping for a particular good or service in the "supplying centres" listed vertically.

E.M.R.P.C. MARKET AREAS SURVEY

MAP 23. CAR OR TRUCK PURCHASE



Note: Stanwood Park is not incorporated

E.M.R.P.C. MARKET AREAS SURVEY

TABLE 22

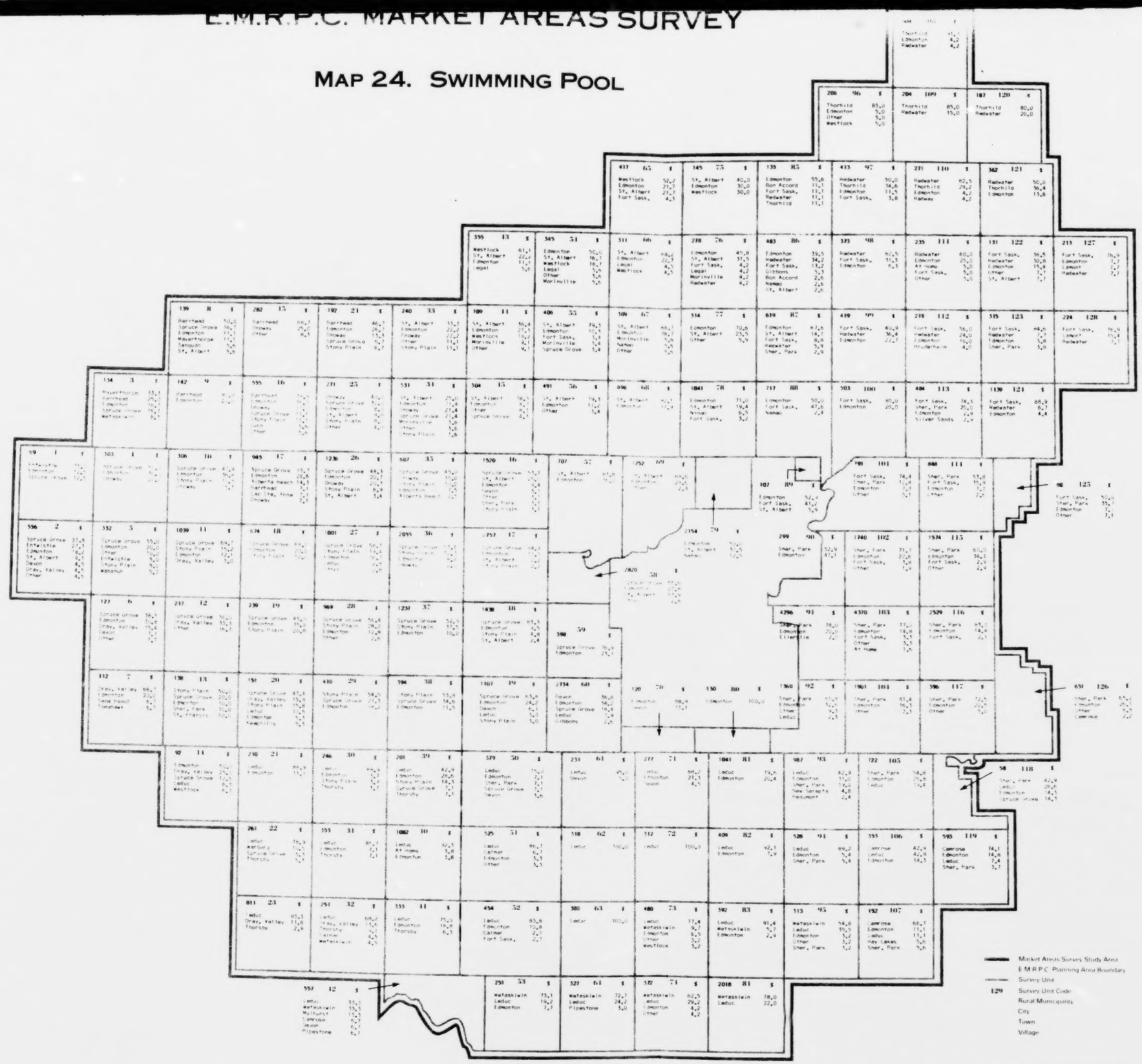
SERVICE ORIENTATION OF URBAN HOUSEHOLDS IN THE E.M.R.P.C. PLANNING AREA

TYPE OF GOOD (SERVICE): **SWIMMING POOL**

SUPPLYING CENTRES	URBAN CENTRES IN THE E.M.R.P.C. PLANNING AREA														
	Beaumont	Bon Accord	Calmar	Devon	Fort Sask.	Gibbons	Leduc	Legal	Morinville	New Sarepta	Redwater	St. Albert	Sher. Park	Spruce Grove	Stony Plain
Local	14.8	0.9	0.7	69.2	97.9	7.4	95.7	2.9	4.0	1.6	88.6	93.7	89.3	93.5	54.0
Edmonton	47.5	70.4	5.1	14.8	2.1	55.6	4.3	36.9	18.1	31.1	5.4	4.8	10.7	5.0	6.8
Beaumont	-	-	-	0.6	-	-	-	-	-	-	-	-	-	-	-
Devon	-	-	4.3	-	-	-	-	-	-	-	-	-	-	-	-
Fort Sask.	-	7.0	-	0.5	-	33.3	-	-	-	-	5.4	-	-	-	-
Leduc	35.8	-	89.1	14.2	-	-	-	-	-	47.5	-	-	-	-	-
Morinville	-	-	-	-	-	-	-	-	-	-	-	0.5	-	-	-
Redwater	-	2.6	-	-	-	3.0	-	-	-	-	-	-	-	-	-
St. Albert	-	11.3	-	-	-	0.7	-	49.5	77.4	-	0.6	-	-	-	-
Sher. Park	1.9	-	-	-	-	-	-	1.0	-	19.7	-	-	-	-	-
Spruce Grove	-	-	-	0.6	-	-	-	-	-	-	-	0.5	-	-	39.2
Namao	-	7.8	-	-	-	-	-	-	-	-	-	-	-	-	-
Stony Plain	-	-	-	-	-	-	-	-	-	-	-	-	-	1.5	-
New Sarepta	-	-	-	-	-	-	-	-	0.6	-	-	-	-	-	-
Westlock	-	-	-	-	-	-	-	8.7	-	-	-	-	-	-	-
Other	-	-	0.7	-	-	-	-	1.0	-	-	-	-	-	-	-
All Over	-	-	-	-	-	-	-	-	-	-	-	0.5	-	-	-

NOTE: Figures in the table indicate the proportions (percentage) of the households of those urban centres listed horizontally, shopping for a particular good or service in the "supplying centres" listed vertically.

MAP 24. SWIMMING POOL



Note: Sherwood Park is not incorporated

TABLE 23

SERVICE ORIENTATION OF URBAN HOUSEHOLDS IN THE E.M.R.P.C. PLANNING AREA

TYPE OF GOOD (SERVICE): **HOSPITAL**

SUPPLYING CENTRES	URBAN CENTRES IN THE E.M.R.P.C. PLANNING AREA														
	Beaumont	Bon Accord	Calmar	Devon	Fort Sask.	Gibbons	Leduc	Legal	Morin-ville	New Sarepta	Redwater	St. Albert	Sher. Park	Spruce Grove	Stony Plain
Local	2.0	-	-	42.4	72.4	1.1	61.9	0.7	0.9	-	63.1	75.5	0.4	1.3	39.5
Edmonton	92.3	58.4	37.1	53.0	25.3	51.6	38.1	33.3	23.2	86.7	24.8	23.6	99.2	89.5	60.5
Devon	-	-	20.5	-	-	-	-	-	-	-	-	-	-	-	-
Fort Sask.	-	5.8	-	-	-	36.4	-	0.7	-	-	8.7	-	-	-	-
Leduc	5.1	-	41.7	4.0	-	-	-	-	-	12.2	-	-	-	-	-
Morinville	-	-	-	-	-	-	-	0.7	-	-	-	-	-	-	-
Redwater	-	0.6	-	-	0.5	6.0	-	1.5	-	-	-	-	-	-	-
St. Albert	0.5	34.4	-	0.5	-	3.8	-	57.8	74.1	-	2.9	-	-	0.9	-
Spruce Grove	-	-	-	-	-	-	-	-	0.4	-	-	-	-	-	-
Stony Plain	-	-	-	-	-	-	-	-	-	-	-	0.4	-	8.3	-
Namao	-	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-
Camrose	-	-	-	-	-	-	-	-	-	1.1	-	-	-	-	-
Drayton Valley	-	-	0.7	-	-	-	-	-	-	-	-	-	-	-	-
Lamont	-	-	-	-	1.4	-	-	-	-	-	0.5	-	-	-	-
Radway	-	-	-	-	-	0.5	-	-	-	-	-	-	-	-	-
Westlock	-	-	-	-	0.5	-	-	5.2	0.4	-	-	0.4	-	-	-
Tofield	-	-	-	-	-	-	-	-	-	-	-	-	0.4	-	-
Other	-	-	-	-	-	0.5	-	-	0.9	-	-	-	-	-	-

NOTE: Figures in the table indicate the proportions (percentage) of the households of those urban centres listed horizontally, shopping for a particular good or service in the "supplying centres" listed vertically.

TABLE 24

SERVICE ORIENTATION OF URBAN HOUSEHOLDS IN THE E.M.R.P.C. PLANNING AREA

TYPE OF GOOD (SERVICE): **ELEMENTARY SCHOOL**

SUPPLYING CENTRES	URBAN CENTRES IN THE E.M.R.P.C. PLANNING AREA														
	Beaumont	Bon Accord	Calmar	Devon	Fort Sask.	Gibbons	Leduc	Legal	Morinville	New Sarepta	Redwater	St. Albert	Sher. Park	Spruce Grove	Stony Plain
Local	99.2	92.0	96.7	93.4	95.5	98.2	98.6	80.0	93.8	94.6	95.2	98.6	95.9	95.2	97.7
Edmonton	-	4.5	-	0.8	-	-	0.7	1.0	0.8	1.8	0.8	-	3.0	2.0	-
Beaumont	-	-	-	0.8	-	-	-	-	-	-	-	-	-	-	-
Bon Accord	-	-	-	-	-	-	-	7.6	-	-	-	-	-	-	-
Devon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fort Sask.	-	-	-	-	-	1.8	-	-	-	-	-	-	-	-	-
Gibbons	-	2.7	-	-	3.0	-	-	-	-	-	2.4	-	-	-	-
Leduc	0.8	-	0.8	1.7	-	-	-	-	-	-	-	-	-	-	-
New Sarepta	-	-	-	-	-	-	0.7	-	-	-	-	-	-	-	-
St. Albert	-	0.9	-	-	-	-	-	-	3.9	-	-	-	-	-	-
Sher. Park	-	-	-	-	-	-	-	1.0	-	1.8	-	-	-	-	-
Redwater	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ardrossan	-	-	-	-	1.5	-	-	-	-	-	-	-	-	-	-
Spruce Grove	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.8
Stony Plain	-	-	-	-	-	-	-	-	-	-	-	-	-	1.4	-
Ellerslie	-	-	-	-	-	-	-	-	-	-	-	-	0.6	-	-
Namao	-	-	-	-	-	-	-	-	-	-	0.8	-	-	-	-
Hay Lakes	-	-	-	-	-	-	-	-	-	1.8	-	-	-	-	-
Onoway	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.8
Pipestone	-	-	0.8	-	-	-	-	-	-	-	-	-	-	-	-
Thorhild	-	-	-	-	-	-	-	1.9	-	-	0.8	-	-	-	-
Westlock	-	-	-	-	-	-	-	1.0	-	-	-	-	-	-	-
Other	-	-	1.6	3.3	-	-	-	7.6	1.6	-	-	1.4	0.6	1.4	0.8

NOTE: Figures in the table indicate the proportions (percentage) of the households of those urban centres listed horizontally, shopping for a particular good or service in the "supplying centres" listed vertically.

TABLE 25

SERVICE ORIENTATION OF URBAN HOUSEHOLDS IN THE E.M.R.P.C. PLANNING AREA

TYPE OF GOOD (SERVICE): **HIGH SCHOOL**

SUPPLYING CENTRES	URBAN CENTRES IN THE E.M.R.P.C. PLANNING AREA														
	Beaumont	Bon Accord	Calmar	Devon	Fort Sask.	Gibbons	Leduc	Legal	Morinville	New Sarepta	Redwater	St. Albert	Sher. Park	Spruce Grove	Stony Plain
Local	26.9	11.1	99.2	90.6	94.3	17.9	97.7	75.0	92.7	94.7	92.5	96.6	95.8	96.1	97.4
Edmonton	31.3	8.3	-	5.2	-	5.1	1.6	5.4	-	1.8	0.9	2.3	3.4	3.9	-
Bon Accord	-	-	-	-	-	-	-	2.2	-	-	-	-	-	-	-
Fort Sask.	-	-	-	-	-	2.6	-	-	-	-	-	-	-	-	-
Leduc	41.8	-	-	3.1	-	-	-	-	-	-	-	-	-	-	-
Morinville	-	1.4	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Albert	-	-	-	-	-	-	-	-	2.4	-	-	-	-	-	-
Sher. Park	-	-	-	-	1.9	-	-	-	-	1.8	-	-	-	-	-
Namao	-	77.8	-	-	1.0	71.8	-	1.1	3.7	-	2.8	1.1	-	-	-
Ardrossan	-	-	-	-	1.9	-	-	-	-	-	-	-	-	-	-
Spruce Grove	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.3
Gibbons	-	-	-	-	-	-	-	-	-	-	0.9	-	-	-	-
New Sarepta	-	-	-	-	-	-	0.8	-	-	-	-	-	-	-	-
Camrose	-	-	-	1.0	-	-	-	-	-	-	-	-	-	-	-
Hay Lakes	-	-	-	-	-	-	-	-	-	1.8	-	-	-	-	-
Onoway	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.3
Thorhild	-	-	-	-	-	-	-	1.1	-	-	1.9	-	-	-	-
Westlock	-	-	-	-	-	-	-	10.9	-	-	-	-	-	-	-
Other	-	1.4	0.8	-	1.0	2.6	-	4.3	1.2	-	0.9	-	0.8	-	-

NOTE: Figures in the table indicate the proportions (percentage) of the households of those urban centres listed horizontally, shopping for a particular good or service in the "supplying centres" listed vertically.

TABLE 26

SERVICE ORIENTATION OF URBAN HOUSEHOLDS IN THE E.M.R.P.C. PLANNING AREA

TYPE OF GOOD (SERVICE): **ICE ARENA**

SUPPLYING CENTRES	URBAN CENTRES IN THE E.M.R.P.C. PLANNING AREA														
	Beaumont	Bon Accord	Calmar	Devon	Fort Sask.	Gibbons	Leduc	Legal	Morin-ville	New Sarepta	Redwater	St. Albert	Sher. Park	Spruce Grove	Stony Plain
Local	92.2	86.8	93.8	85.5	94.4	90.6	97.8	80.5	84.7	83.3	92.1	93.7	91.7	93.1	93.4
Edmonton	6.0	5.4	0.7	10.2	2.3	5.4	1.6	5.3	7.9	10.0	2.0	5.4	6.3	3.7	2.4
Bon Accord	-	-	-	-	-	-	-	3.5	-	-	-	-	-	-	-
Calmar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Devon	-	-	1.4	-	-	-	-	-	-	-	-	-	-	-	-
Fort Sask.	-	-	-	-	-	3.4	-	-	-	-	0.7	-	-	-	-
Gibbons	-	3.1	-	-	0.6	-	-	0.9	-	-	2.0	-	-	-	-
Beaumont	-	-	-	-	-	-	-	-	-	-	-	-	0.5	-	-
Leduc	0.6	-	3.4	1.8	-	-	-	-	-	5.0	0.7	-	-	-	-
Legal	-	-	-	-	0.6	-	-	-	-	-	-	-	-	-	-
Morinville	-	1.6	-	-	-	-	-	-	-	-	0.7	-	-	-	-
New Sarepta	-	-	-	-	-	-	0.5	-	-	-	-	-	0.5	-	-
St. Albert	-	0.8	-	-	-	-	-	2.7	6.2	-	-	-	-	0.5	-
Sher. Park	1.2	-	-	-	0.6	-	-	-	-	1.7	-	-	-	-	-
Spruce Grove	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.2
Stony Plain	-	-	-	0.6	-	-	-	-	-	-	-	-	-	2.6	-
Namao	-	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-
Ardrossan	-	-	-	-	1.1	-	-	-	-	-	-	-	-	-	-
Bruderheim	-	-	-	-	-	0.7	-	-	-	-	-	-	-	-	-
Thorhild	-	-	-	-	-	-	-	0.9	-	-	2.0	-	-	-	-
Onoway	-	-	-	-	-	-	-	-	-	-	-	-	0.5	-	-
Warburg	-	-	0.7	-	-	-	-	-	-	-	-	-	-	-	-
Westlock	-	-	-	-	-	-	-	0.9	0.6	-	-	-	-	-	-
Other	-	1.6	-	1.8	0.6	-	-	5.3	0.6	-	-	1.0	0.5	-	-

NOTE: Figures in the table indicate the proportions (percentage) of the households of those urban centres listed horizontally, shopping for a particular good or service in the "supplying centres" listed vertically.

TABLE 27

SERVICE ORIENTATION OF URBAN HOUSEHOLDS IN THE E.M.R.P.C. PLANNING AREA

TYPE OF GOOD (SERVICE): **CURLING RINK**

SUPPLYING CENTRES	URBAN CENTRES IN THE E.M.R.P.C. PLANNING AREA														
	Beaumont	Bon Accord	Calmar	Devon	Fort Sask.	Gibbons	Leduc	Legal	Morin-ville	New Sarepta	Redwater	St. Albert	Sher. Park	Spruce Grove	Stony Plain
Local	78.0	5.9	91.9	80.4	92.8	69.3	91.7	83.7	83.8	19.0	95.3	78.5	72.6	91.4	83.9
Edmonton	13.2	33.3	1.6	10.7	5.2	17.3	7.5	4.3	5.9	52.4	2.4	18.5	22.6	6.2	8.1
Beaumont	-	-	0.8	-	-	-	0.8	-	-	-	-	-	-	-	-
Bon Accord	-	-	-	-	-	-	-	1.1	-	-	-	-	-	-	-
Fort Sask.	-	3.9	-	-	-	10.7	-	-	-	-	-	-	1.2	-	-
Gibbons	-	35.3	-	-	2.1	-	-	1.1	-	-	1.2	-	-	-	-
Leduc	7.7	-	3.2	3.6	-	-	-	-	-	9.5	-	-	-	-	-
Legal	-	3.9	-	-	-	-	-	-	-	-	-	-	-	-	-
Morinville	-	5.9	-	-	-	-	-	2.2	-	-	-	1.5	-	-	-
Redwater	-	-	-	-	-	1.3	-	-	-	-	-	-	-	-	-
St. Albert	-	-	-	-	-	-	-	1.1	10.3	-	-	-	-	-	-
Spruce Grove	-	-	-	3.6	-	-	-	-	-	-	-	-	-	-	8.1
Stony Plain	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5	-
Ellerslie	1.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Namao	-	11.8	-	-	-	-	-	-	-	-	-	1.5	-	-	-
Villeneuve	-	-	0.8	-	-	-	-	-	-	-	-	-	-	-	-
Camrose	-	-	-	-	-	-	-	-	-	4.8	-	-	-	-	-
Hay Lakes	-	-	-	-	-	-	-	-	-	4.8	-	-	-	-	-
Onoway	-	-	-	-	-	-	-	-	-	-	-	-	1.2	-	-
Warburg	-	-	0.8	-	-	-	-	-	-	-	-	-	-	-	-
Wostlock	-	-	-	-	-	-	-	4.3	-	-	-	-	-	-	-
Thorhild	-	-	-	-	-	-	-	-	-	-	-	-	1.2	-	-
Other	-	-	0.8	1.8	-	1.3	-	2.2	-	9.5	1.2	-	1.2	-	-

NOTE: Figures in the table indicate the proportions (percentage) of the households of those urban centres listed horizontally, shopping for a particular good or service in the "supplying centres" listed vertically.

TABLE 28

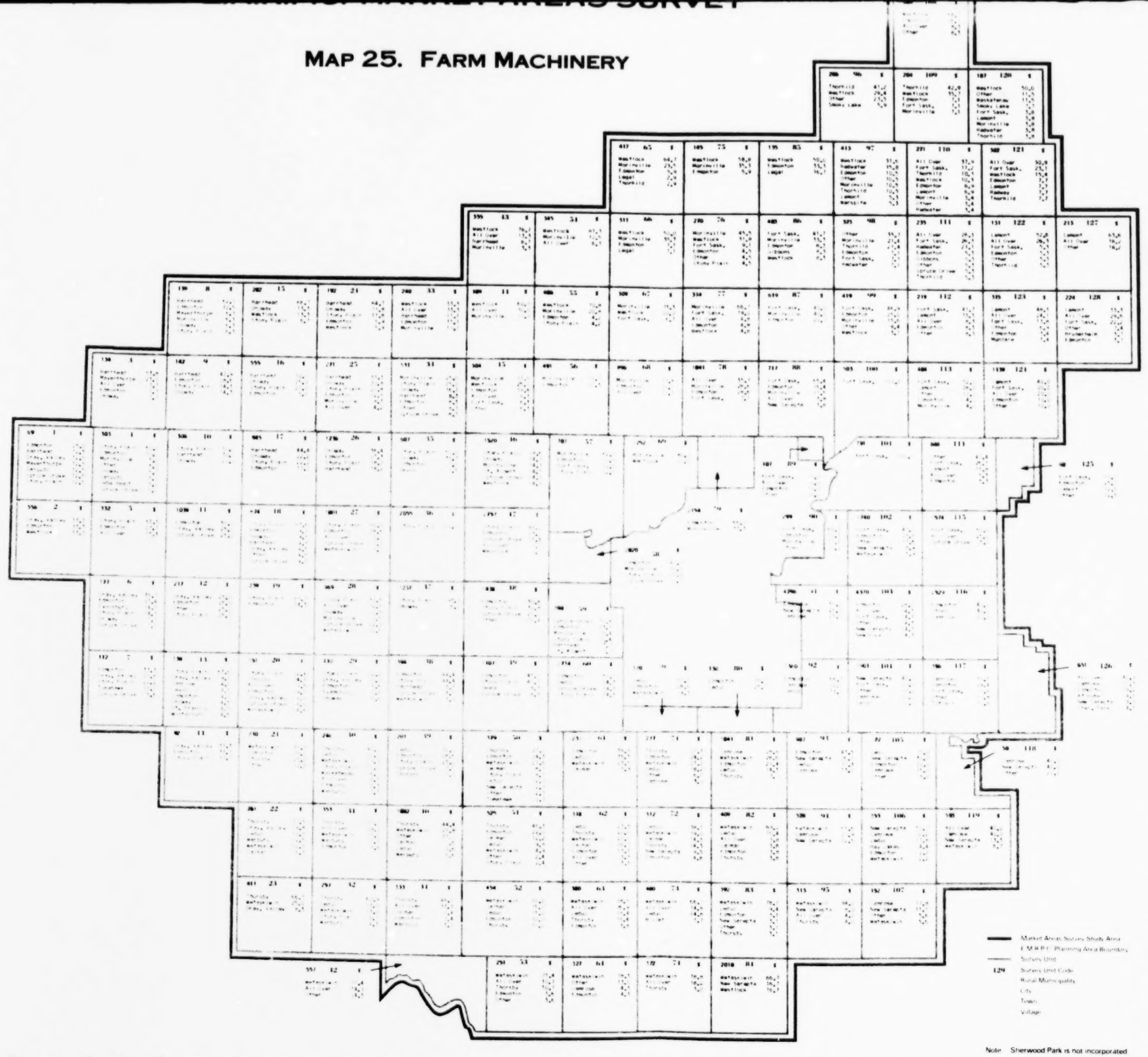
SERVICE ORIENTATION OF URBAN HOUSEHOLDS IN THE E.M.R.P.C. PLANNING AREA

TYPE OF GOOD (SERVICE): **POST OFFICE**

SUPPLYING CENTRES	URBAN CENTRES IN THE E.M.R.P.C. PLANNING AREA														
	Beaumont	Bon Accord	Calmar	Devon	Fort Sask.	Gibbons	Leduc	Legal	Morin-ville	New Sarepta	Redwater	St. Albert	Sher. Park	Spruce Grove	Stony Plain
Local	97.0	89.9	96.7	90.5	92.1	95.7	97.9	81.8	97.8	93.3	94.9	92.6	89.4	94.5	96.5
Edmonton	2.5	8.2	0.7	2.4	4.8	2.1	2.1	1.5	0.4	2.2	-	5.7	9.4	3.4	1.3
Beaumont	-	-	-	0.5	-	-	-	-	-	-	-	-	-	-	-
Bon Accord	-	-	-	-	-	-	-	5.8	-	-	-	-	-	-	-
Devon	-	-	-	-	-	-	-	0.7	-	-	-	-	-	-	-
Fort Sask.	-	-	-	-	-	1.1	-	-	-	-	0.5	-	0.4	-	-
Gibbons	-	0.6	-	-	2.2	-	-	0.7	-	-	4.2	-	-	-	-
Redwater	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Leduc	-	-	1.3	0.9	-	-	-	-	-	2.2	-	-	-	-	-
Legal	-	0.6	-	-	0.4	-	-	-	-	-	-	-	-	-	-
Morinville	-	0.6	-	-	-	-	-	1.5	-	-	-	0.4	-	-	-
St. Albert	-	-	-	-	-	0.5	-	-	1.7	-	-	-	-	-	-
Sher. Park	-	-	-	-	-	-	-	-	-	1.1	-	-	-	-	-
New Sarepta	-	-	-	-	-	-	-	-	-	-	-	-	0.4	-	-
Nisku	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Spruce Grove	-	-	-	-	-	-	-	-	-	-	-	0.4	-	-	1.8
Stony Plain	-	-	-	-	-	-	-	-	-	-	-	-	-	0.8	-
Ardrossan	-	-	-	-	0.4	-	-	-	-	-	-	-	-	-	-
Winterburn	-	-	-	5.7	-	-	-	-	-	-	-	-	-	0.4	-
Hay Lakes	-	-	-	-	-	-	-	-	-	1.1	-	-	-	-	-
Onoway	-	-	-	-	-	-	-	-	-	-	-	-	0.4	-	-
Sunnybrook	-	-	0.7	-	-	-	-	-	-	-	-	-	-	-	-
Thorsby	-	-	0.7	-	-	-	-	-	-	-	-	-	-	-	-
Millet	-	-	-	-	-	-	-	0.7	-	-	-	-	-	-	-
Edmonton Beach	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4
Other	-	-	-	-	-	0.5	-	7.3	-	-	0.5	0.8	-	0.8	-

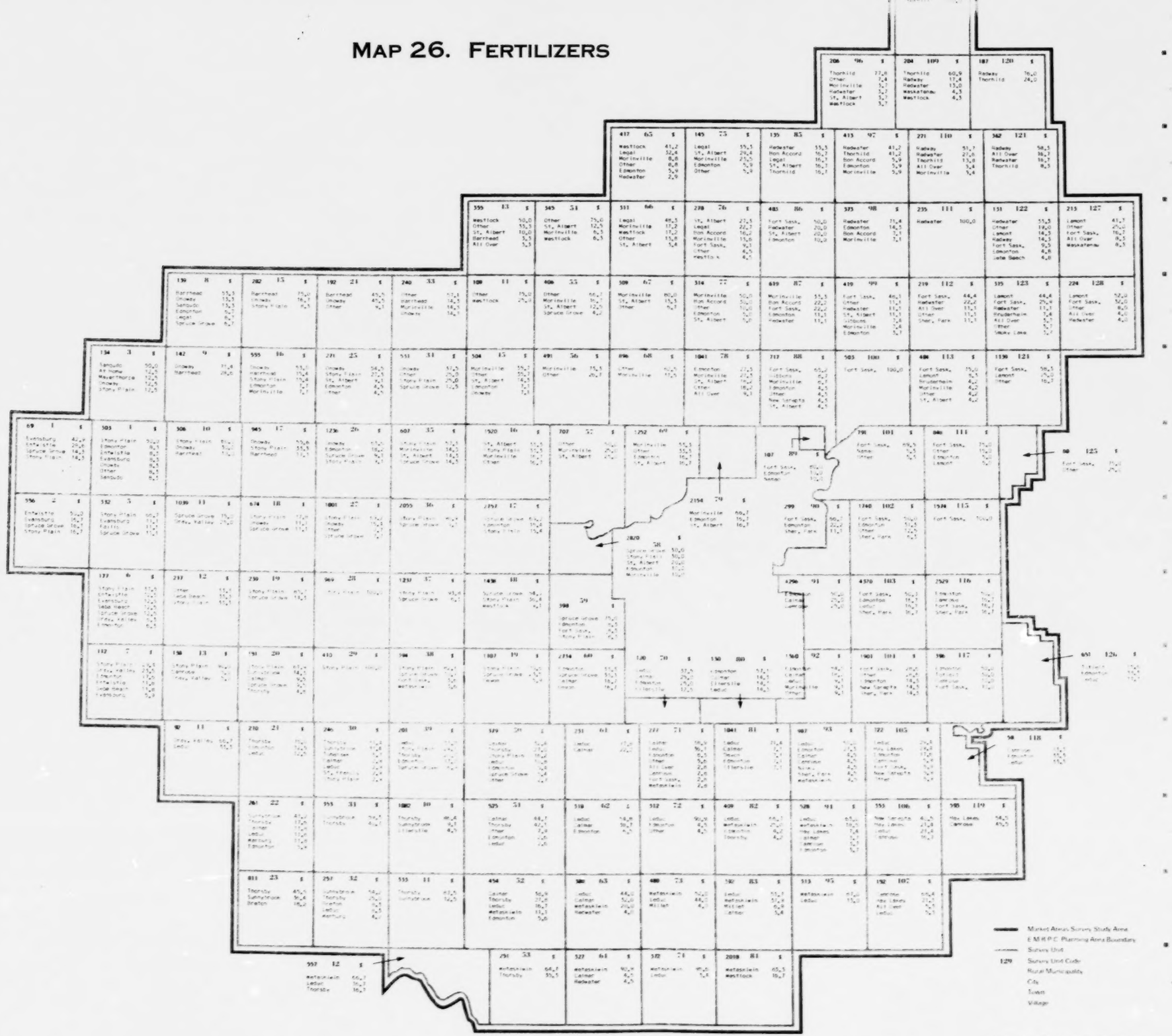
NOTE: Figures in the table indicate the proportions (percentage) of the households of those urban centres listed horizontally, shopping for a particular good or service in the "supplying centres" listed vertically.

MAP 25. FARM MACHINERY

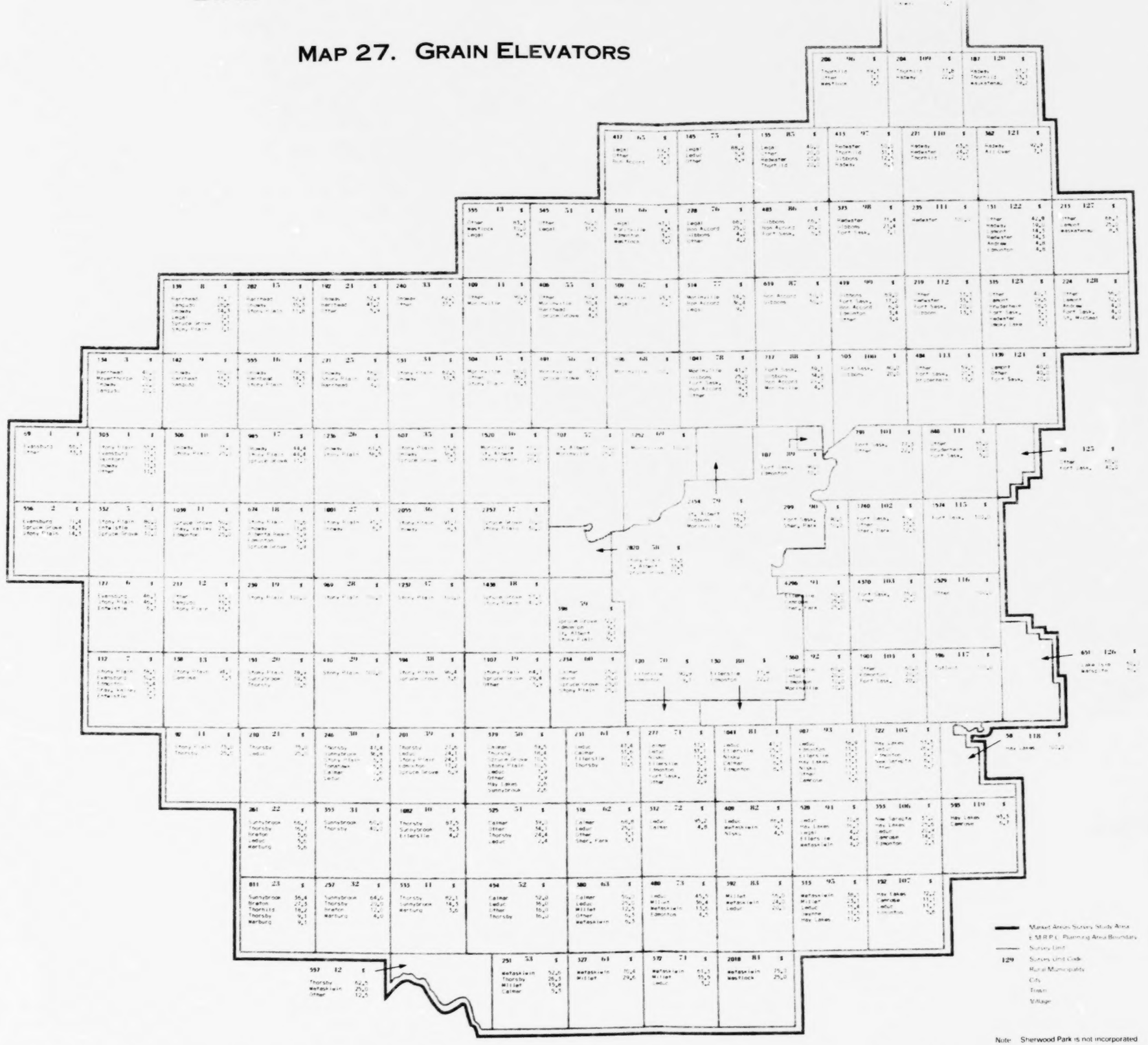


Note Sherwood Park is not incorporated

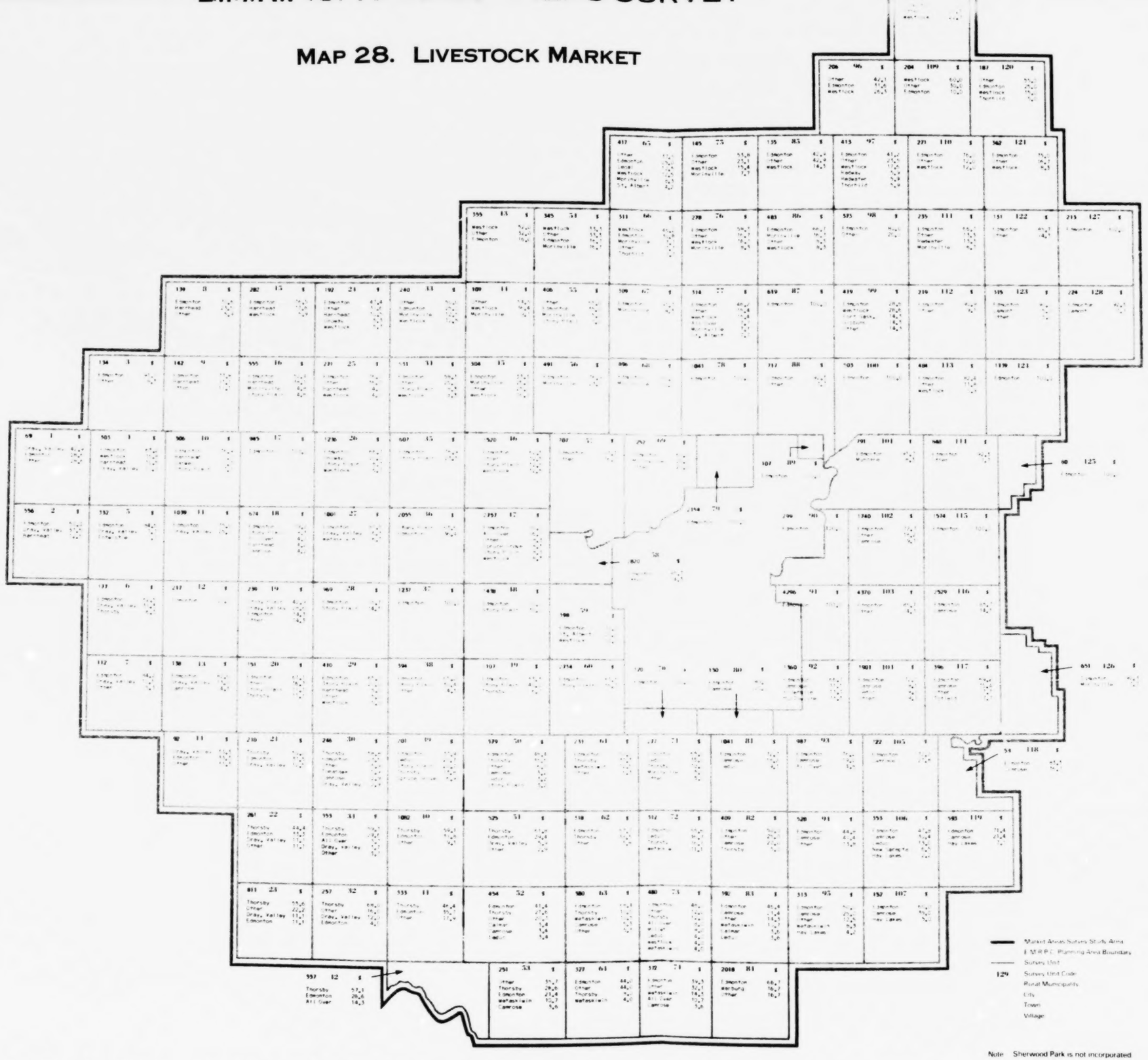
MAP 26. FERTILIZERS



MAP 27. GRAIN ELEVATORS



MAP 28. LIVESTOCK MARKET



Note: Sherwood Park is not incorporated

APPENDIX

APPENDIX 1

Shopping and Travel Pattern Questionnaire

LOCATION CODE _____

PHONE NUMBER _____

1. Would you please tell me the city, town, or village where you most often go for: (Note: if they go to two places equally, ask which they prefer).

Car or Truck Service _____
Drycleaning or Laundry _____
Restaurants _____
Post Office _____
Banking _____
Lawyer _____
Insurance _____
Medical Doctor (Family) _____
Hospital _____
Dentist _____
Veterinarian _____
Library _____
Movies _____
Curling _____
Swimming Pool _____
Ice Arena for Skating _____
Elementary School _____
High School _____

2. At which location do you usually buy:

Hardware _____
Drugs _____
Liquor _____

3. Where do you usually buy groceries? _____

About what percentage of all grocery expenditures are done there? _____%

Where do you normally buy clothing and shoes? _____

About what percentage of all clothing and shoe expenditures are done there? _____%

Where do you usually buy furniture? _____

About what percentage of all furniture expenditures are done here? _____%

Where do you usually buy major appliances? _____

About what percentage of all major appliance expenditures are done there? _____%

4. If you were to buy a car or truck in the next month, to which town or city would you go first? (Prompt: expect to get best deal?)

_____

5. Which newspapers do you receive daily? _____

Allow (2 choices) _____

(if receive a paper more than 4 times per week, it counts as daily)

ASK ONLY OF RURAL HOUSEHOLDS

6. Do you own or work a farm? _____
(IF NO, GO TO Q.7).

(IF YES, ASK:

Where do you go for the following:

farm machinery _____

fertilizers _____

grain elevators _____

livestock market _____

exhibitions and fairs _____

7. What is the name of the center (town) nearest you?

_____

8. How many people living in your house are employed full-time, including yourself?

   Where are their jobs located? _____

   _____

   (GET NUMBER EMPLOYED IN EACH LOCATION) _____

9. How many trips on average do members of your household make to Edmonton in a month for:

   Shopping? _____

   Other Reasons, excluding work? _____
   (NOTE: REFERS TO RETURN, NOT ONE-WAY TRIPS OTHER THINGS INCLUDES RECREATION)

10. How many times per month do you shop in your town (town nearest you)? _____

    How many times per month do you use the services in your town for other reasons, excluding work? _____

11. In an average month, do you regularly go to a center other than Edmonton or your town to shop?

    Yes _____ No _____

    Which? _____

    How Often? _____

12. What is the occupation of the major income earner in your household? _____

13. Which of the following categories contains your total household income before taxes and deductions? (Check one only).

    Less than $10,000 _____
    $10,000 to $14,999 _____
    $15,000 to $19,999 _____
    $20,000 to $24,999 _____
    $25,000 to $29,999 _____
    $30,000 to $34,999 _____
    $35,000 to $39,999 _____
    $40,000 to $44,999 _____
    $45,000 to $49,999 _____
    $50,000 or more _____
    Refused _____

THANK YOU FOR YOUR HELP.

APPENDIX 2

ACHIEVED SAMPLE SIZES FOR INDIVIDUAL GOODS AND SERVICES

MUNICIPALITIES/ SURVEY UNITS	ESTIMATED NUMBER OF HOUSEHOLDS	NUMBER OF COMPLETIONS	CAR OR TRUCK SERVICE	GROCERIES	LIBRARY	BANKING	HARDWARE	DRYCLEANING AND LAUNDRY	LIQUOR	CLOTHING AND SHOES	RESTAURANTS	DRUGS	MEDICAL DOCTOR	INSURANCE	DENTIST	LAWYER	VETERINARIAN	FURNITURE	MAJOR APPLIANCES	MOVIES	CAR OR TRUCK PURCHASE	SWIMMING POOL	FARM MACHINERY	FERTILIZER	GRAIN ELEVATORS	LIVESTOCK MARKET
Beaumont	887	199	181 91.0	199 100.0	165 82.9	197 99.0	198 99.5	196 98.5	188 94.5	199 100.0	186 93.5	192 96.5	194 97.5	196 98.5	186 93.5	155 77.9	115 57.8	196 98.5	195 98.0	171 85.9	191 96.0	162 81.4	0 0.0	0 0.0	0 0.0	0 0.0
Bon Accord	407	158	137 86.7	158 100.0	135 85.4	156 100.0	156 98.7	142 89.9	142 89.9	157 99.4	143 90.5	157 99.4	154 97.5	155 98.1	151 95.6	125 79.1	105 66.5	145 91.8	151 95.6	134 84.8	155 98.1	115 72.8	0 0.0	0 0.0	0 0.0	0 0.0
Calmar	379	153	137 89.5	153 100.0	144 94.1	153 100.0	153 100.0	152 99.3	146 95.4	153 100.0	148 96.7	153 100.0	152 99.3	151 98.7	144 94.1	124 81.0	99 64.7	151 98.7	151 98.7	126 82.4	146 95.4	138 90.2	0 0.0	0 0.0	0 0.0	0 0.0
Devon	1228	212	188 88.7	212 100.0	173 81.6	211 99.5	208 98.1	198 93.4	189 89.2	210 100.0	195 92.0	209 98.6	208 98.1	205 96.7	202 95.3	161 75.9	137 64.6	192 91.4	195 92.9	174 82.1	200 95.2	169 79.7	0 0.0	0 0.0	0 0.0	0 0.0
Fort Sask.	3892	230	199 86.5	229 99.6	199 86.5	228 99.1	225 97.8	213 92.6	201 87.4	227 100.0	211 91.7	228 99.1	229 99.6	225 97.8	224 97.4	191 83.0	118 51.3	203 89.4	208 91.6	172 74.8	209 92.1	191 83.0	0 0.0	0 0.0	0 0.0	0 0.0
Gibbons	762	188	149 79.3	188 100.0	149 79.3	187 99.5	185 98.4	164 87.2	163 86.7	186 98.9	164 87.2	184 97.9	185 98.4	184 97.9	178 94.7	131 69.7	96 51.1	175 93.1	178 94.7	140 74.5	177 94.1	135 71.8	0 0.0	0 0.0	0 0.0	0 0.0
Leduc	3897	239	226 94.6	239 100.0	189 79.1	239 100.0	236 98.7	233 97.5	221 92.5	238 99.6	233 97.5	235 98.3	237 99.2	234 97.9	232 97.1	216 90.4	158 66.1	235 98.3	231 96.7	206 86.2	227 95.0	186 77.8	0 0.0	0 0.0	0 0.0	0 0.0
Legal	326	138	121 87.7	138 100.0	100 72.5	136 98.6	135 97.8	120 87.0	129 93.5	138 100.0	130 94.2	134 97.1	133 96.4	136 98.6	134 97.1	115 83.3	86 62.3	130 94.2	126 91.3	124 89.9	128 92.8	103 74.6	0 0.0	0 0.0	0 0.0	0 0.0
Morinville	1454	230	198 86.1	227 98.7	181 78.7	230 100.0	224 97.4	211 91.7	213 92.6	229 99.6	214 93.0	227 98.7	228 99.1	218 94.8	216 93.9	174 75.7	121 52.6	211 91.7	215 93.5	187 81.3	209 90.9	177 77.0	0 0.0	0 0.0	0 0.0	0 0.0
New Sarepta	154	91	62 68.1	91 100.0	64 70.3	91 100.0	90 98.9	58 63.7	77 84.6	89 100.0	76 83.5	90 98.9	91 100.	90 98.9	81 89.0	66 72.5	44 48.4	72 80.9	74 83.1	62 68.1	77 86.5	61 67.0	0 0.0	0 0.0	0 0.0	0 0.0
Redwater	750	214	192 89.7	213 99.5	166 77.6	214 100.0	212 99.1	197 92.1	198 92.5	213 99.5	192 89.7	213 99.5	211 98.6	213 99.5	208 97.2	183 85.5	124 57.9	203 94.9	207 96.7	167 78.0	198 92.5	166 77.6	0 0.0	0 0.0	0 0.0	0 0.0
St. Albert	9423	245	225 91.8	244 99.6	220 89.8	245 100.0	244 99.6	234 95.5	226 92.2	244 99.6	234 95.5	244 99.6	242 98.8	236 96.3	240 98.0	202 82.4	142 58.0	228 93.1	216 88.0	205 83.7	233 95.1	207 84.5	0 0.0	0 0.0	0 0.0	0 0.0
Sherwood Park	8057	256	234 91.4	256 100.0	235 91.8	255 99.6	255 99.6	240 93.8	231 90.2	256 100.0	244 95.3	253 98.8	253 98.8	253 98.8	245 95.7	218 85.2	149 58.2	242 94.5	236 92.2	212 82.8	245 95.7	214 83.6	0 0.0	0 0.0	0 0.0	0 0.0
Spruce Grove	3172	238	204 85.7	238 100.0	206 86.6	237 99.6	237 99.6	219 92.0	219 92.0	236 99.2	221 92.9	237 99.6	234 98.3	234 98.3	234 98.3	178 74.8	153 64.3	221 92.9	220 92.4	199 83.6	220 93.3	201 84.5	0 0.0	0 0.0	0 0.0	0 0.0
Stony Plain	1702	229	209 91.3	229 100.0	185 80.8	227 99.1	228 99.6	216 94.3	196 85.6	229 100.0	214 93.4	228 99.6	226 98.7	224 97.8	219 95.6	181 79.0	119 52.0	219 95.6	219 95.6	179 78.2	219 95.6	176 76.9	0 0.0	0 0.0	0 0.0	0 0.0
01	20	12	11 91.7	12 100.0	6 50.0	12 100.0	12 100.0	7 58.3	8 66.7	12 100.0	9 75.0	12 100.0	12 100.0	12 100.0	10 83.3	10 83.3	11 91.7	8 66.7	8 66.7	8 66.7	12 100.0	8 66.7	8 66.7	7 58.3	6 50.0	7 58.3
02	162	47	38 80.9	47 100.0	33 70.2	47 100.0	46 97.9	34 85.0	37 78.7	46 100.0	43 91.5	47 100.0	47 100.0	46 97.9	46 97.9	36 76.6	33 70.2	35 76.1	40 87.0	23 48.9	45 97.8	22 46.8	3 6.5	6 13.0	7 15.2	8 17.4
03	39	20	17 85.0	19 95.0	6 30.0	20 100.0	20 100.0	12 60.0	17 85.0	19 95.0	17 85.0	18 90.0	16 80.0	20 100.0	18 90.0	15 75.0	17 85.0	19 95.0	19 95.0	12 60.0	19 95.0	12 60.0	13 65.0	8 40.0	5 25.0	12 60.0
04	88	37	36 97.3	37 100.0	23 62.2	37 100.0	37 100.0	30 81.1	31 83.8	37 100.0	31 83.8	37 100.0	37 100.0	37 100.0	30 81.1	26 70.3	29 78.4	34 91.9	34 91.9	22 59.5	36 97.3	10 27.0	20 54.1	12 32.4	9 24.3	19 51.4
05	96	47	34 72.3	47 100.0	30 63.8	47 100.0	46 97.9	33 70.2	37 78.7	47 100.0	37 78.7	45 95.7	44 93.6	47 100.0	38 80.9	33 70.2	35 74.5	42 89.4	41 87.2	27 57.4	43 91.5	20 42.6	13 27.7	9 19.1	10 21.3	13 27.7
06	51	30	20 66.7	30 100.0	17 56.7	30 100.0	30 100.0	19 63.3	23 76.7	30 100.0	26 86.7	27 90.0	29 96.7	30 100.0	25 83.3	21 70.0	24 80.0	30 100.0	30 100.0	19 63.3	28 93.3	13 43.3	14 46.7	16 53.3	15 50.0	16 53.3
07	32	22	20 90.9	22 100.0	19 86.4	22 100.0	22 100.0	17 77.3	19 86.4	22 100.0	18 81.8	21 95.5	22 100.0	22 100.0	21 95.5	18 81.8	20 90.9	19 86.4	22 100.0	14 63.6	21 95.5	15 68.2	18 81.8	17 77.3	13 59.1	19 86.4
08	41	31	31 100.0	31 100.0	19 61.3	31 100.0	31 100.0	25 80.6	29 93.5	31 100.0	27 87.1	31 100.0	31 100.0	31 100.0	30 96.8	25 80.6	26 83.9	31 100.0	31 100.0	18 58.1	31 100.0	18 58.1	16 51.6	15 48.4	14 45.2	17 54.8
09	41	29	26 89.7	29 100.0	11 37.9	29 100.0	29 100.0	23 79.3	22 75.9	29 100.0	21 72.4	29 100.0	28 96.6	29 100.0	26 89.7	20 69.0	18 62.1	28 96.6	29 100.0	12 41.4	27 93.1	5 17.2	7 24.1	7 24.1	6 20.7	9 31.0
10	89	40	40 100.0	40 100.0	23 57.5	40 100.0	40 100.0	35 87.5	30 75.0	40 100.0	29 72.5	40 100.0	40 100.0	40 100.0	36 90.0	27 67.5	28 70.0	40 100.0	39 97.5	20 50.0	39 97.5	19 47.5	10 25.0	10 25.0	8 20.0	13 32.5
11	300	53	50 94.3	53 100.0	32 60.4	53 100.0	52 98.1	50 94.3	44 83.0	53 100.0	51 96.2	52 98.1	53 100.0	53 100.0	52 98.1	41 77.4	42 79.2	47 88.7	48 90.6	45 84.9	45 84.9	33 62.3	4 7.5	4 7.5	4 7.5	4 7.5

The table displays two rows of figures for each municipality and survey unit. The upper rows indicate achieved sample sizes for each good or service. The lower rows indicate achieved sample sizes as percentages of the number of completions.

APPENDIX 2 - ACHIEVED SAMPLE SIZES FOR INDIVIDUAL GOODS AND SERVICES

MUNICIPALITIES/ SURVEY UNITS	ESTIMATED NUMBER OF HOUSEHOLDS	NUMBER OF COMPLETIONS	CAR OR TRUCK SERVICE	GROCERIES	LIBRARY	BANKING	HARDWARE	DRYCLEANING AND LAUNDRY	LIQUOR	CLOTHING AND SHOES	RESTAURANTS	DRUGS	MEDICAL DOCTOR	INSURANCE	DENTIST	LAWYER	VETERINARIAN	FURNITURE	MAJOR APPLIANCES	MOVIES	CAR OR TRUCK PURCHASE	SWIMMING POOL	FARM MACHINERY	FERTILIZER	GRAIN ELEVATORS	LIVESTOCK MARKET
12	63	10	9 90.0	9 90.0	6 60.0	10 100.0	10 100.0	10 100.0	9 90.0	10 100.0	10 100.0	10 100.0	10 100.0	9 10.0	10 100.0	9 90.0	9 90.0	10 100.0	10 100.0	7 70.0	9 90.0	6 60.0	4 40.0	3 30.0	3 30.0	3 30.0
13	40	28	26 92.9	28 100.0	20 71.4	28 100.0	28 100.0	23 82.1	22 78.6	26 92.9	27 96.4	28 100.0	27 96.4	28 100.0	27 96.4	28 100.0	27 96.4	27 96.4	28 100.0	19 67.9	26 92.9	10 35.7	22 78.6	20 71.4	19 67.9	23 82.1
14	27	22	18 81.8	22 100.0	17 77.3	22 100.0	22 100.0	19 86.4	17 77.3	22 100.0	19 86.4	22 100.0	22 100.0	22 100.0	22 100.0	15 68.2	13 59.1	16 72.7	17 77.3	19 86.4	20 90.9	16 72.7	3 13.6	3 13.6	4 18.2	3 13.6
15	82	42	29 69.0	42 100.0	27 64.3	41 97.6	42 100.0	25 59.5	35 83.3	41 97.6	32 76.2	42 100.0	41 97.6	42 100.0	39 92.9	29 69.0	29 69.0	34 81.0	31 73.8	25 59.5	37 88.1	12 28.6	15 35.7	12 28.6	17 40.5	17 40.5
16	161	43	40 93.0	43 100.0	19 44.2	42 97.7	43 100.0	29 67.4	29 67.4	43 100.0	31 72.1	42 97.7	43 100.0	41 95.3	38 88.4	27 62.8	32 74.4	43 100.0	43 100.0	18 41.9	43 100.0	18 41.9	20 46.5	13 30.2	14 32.6	21 48.8
17	273	51	49 96.1	51 100.0	34 66.7	51 100.0	51 100.0	38 74.5	40 78.4	51 100.0	41 80.4	51 100.0	50 98.0	49 96.1	46 90.2	34 66.7	37 72.5	46 90.2	48 94.1	29 56.9	47 92.2	14 27.5	9 17.6	9 17.6	9 17.6	7 13.7
18	195	56	52 92.9	56 100.0	29 51.8	56 100.0	56 100.0	41 73.2	45 80.4	56 100.0	46 82.1	55 98.2	54 96.4	56 100.0	52 92.9	44 78.6	51 91.1	52 92.9	53 94.6	32 57.1	52 92.9	25 44.6	22 39.3	18 32.1	17 30.4	24 42.9
19	69	43	38 88.4	43 100.0	33 76.7	42 97.7	40 93.0	34 79.1	36 83.7	43 100.0	34 79.1	41 95.3	41 95.3	42 97.7	40 93.0	34 79.1	27 62.8	37 86.0	37 86.0	25 58.1	40 93.0	20 46.5	7 16.3	7 16.3	8 18.6	7 16.3
20	44	33	32 97.0	33 100.0	22 66.7	33 100.0	33 100.0	28 84.8	30 90.9	33 100.0	29 87.9	33 100.0	33 100.0	33 100.0	33 100.0	31 93.9	27 81.8	33 100.0	31 93.9	18 54.5	32 97.0	19 57.6	21 63.6	21 63.6	19 57.6	18 54.5
21	61	17	16 94.1	17 100.0	9 52.9	17 100.0	16 94.1	14 82.4	15 88.2	17 100.0	15 88.2	17 100.0	17 100.0	17 100.0	17 100.0	15 88.2	13 76.5	17 100.0	17 100.0	13 76.5	17 100.0	9 52.9	8 47.1	8 47.1	8 47.1	8 47.1
22	72	29	29 100.0	29 100.0	21 72.4	29 100.0	29 100.0	24 82.8	23 79.3	29 100.0	12 41.4	28 96.6	28 96.6	29 100.0	27 93.1	26 89.7	25 86.2	29 100.0	29 100.0	14 48.3	29 100.0	19 65.5	16 55.2	17 58.6	18 62.1	18 62.1
23	235	51	49 96.1	51 100.0	41 80.4	51 100.0	51 100.0	45 88.2	42 82.4	50 100.0	40 78.4	51 100.0	51 100.0	51 100.0	50 98.0	42 82.4	30 58.8	50 100.0	50 100.0	33 64.7	48 96.0	34 66.7	12 24.0	11 22.0	11 22.0	9 18.0
24	56	35	27 77.1	35 100.0	19 54.3	35 100.0	34 97.1	24 68.6	23 65.7	32 91.4	25 71.4	34 97.1	34 97.1	35 100.0	33 94.3	29 82.9	28 80.0	22 62.9	24 68.6	14 40.0	34 97.1	15 42.9	17 48.6	11 31.4	17 48.6	19 54.3
25	79	40	34 85.0	40 100.0	29 72.5	40 100.0	40 100.0	31 77.5	34 85.0	40 100.0	29 72.5	40 100.0	40 100.0	40 100.0	39 97.5	38 95.0	35 87.5	38 95.0	40 100.0	27 67.5	39 97.5	25 62.5	24 60.0	22 55.0	25 62.5	25 62.5
26	398	55	39 70.9	55 100.0	31 56.4	55 100.0	55 100.0	40 72.7	43 78.2	54 98.2	40 72.7	55 100.0	55 100.0	55 100.0	47 85.5	49 89.1	38 69.1	41 74.5	45 81.8	34 61.8	49 89.1	29 52.7	11 20.0	11 20.0	13 23.6	15 27.3
27	290	56	56 100.0	56 100.0	44 78.6	56 100.0	56 100.0	50 89.3	47 83.9	56 100.0	50 89.3	55 98.2	56 100.0	56 100.0	54 96.4	52 92.9	43 76.8	55 98.2	56 100.0	36 64.3	54 96.4	36 64.3	14 25.0	13 23.2	12 21.4	16 28.6
28	281	57	51 89.5	57 100.0	38 66.7	57 100.0	57 100.0	52 91.2	51 89.5	57 100.0	55 96.5	57 100.0	57 100.0	57 100.0	55 96.5	53 93.0	48 84.2	52 91.2	52 91.2	44 77.2	55 96.5	39 68.4	8 14.0	6 10.5	5 8.8	7 12.3
29	119	36	33 91.7	36 100.0	26 72.2	36 100.0	36 100.0	34 94.4	32 88.9	36 100.0	33 91.7	35 97.2	36 100.0	36 100.0	36 100.0	32 88.9	33 91.7	33 91.7	35 97.2	27 75.0	35 97.2	22 61.1	18 50.0	16 44.4	17 47.2	20 55.6
30	71	42	37 88.1	42 100.0	32 76.2	42 100.0	41 97.6	36 85.7	35 83.3	37 88.1	34 81.0	42 100.0	42 100.0	42 100.0	39 92.9	29 69.0	39 92.9	29 69.0	36 85.7	32 76.2	36 85.7	27 64.3	30 71.4	35 83.3	38 90.5	34 81.0
31	102	41	37 90.2	40 97.6	21 51.2	40 97.6	41 100.0	31 75.6	32 78.0	39 97.5	29 70.7	40 97.6	39 95.1	41 100.0	39 95.1	27 65.9	33 80.5	33 80.5	33 80.5	17 41.5	36 90.0	14 34.1	26 65.0	27 67.5	30 75.0	27 67.5
32	74	40	40 100.0	40 100.0	29 72.5	40 100.0	39 97.5	39 97.5	35 87.5	39 97.5	34 85.0	40 100.0	40 100.0	40 100.0	35 87.5	29 72.5	36 90.0	38 95.0	38 95.0	25 62.5	39 97.5	22 55.0	23 57.5	24 60.0	25 62.5	25 62.5
33	70	26	20 76.9	26 100.0	13 50.0	26 100.0	26 100.0	18 69.2	21 80.8	26 100.0	22 84.6	26 100.0	26 100.0	25 96.2	21 80.8	23 88.5	17 65.4	21 80.8	22 84.6	17 65.4	23 88.5	9 34.6	9 34.6	7 26.9	8 30.8	8 30.8
34	154	48	41 85.4	48 100.0	31 64.6	48 100.0	48 100.0	43 89.6	41 85.4	48 100.0	39 81.3	46 95.8	48 100.0	47 97.9	46 95.8	43 89.6	36 75.0	46 95.8	47 97.9	29 60.4	43 89.6	28 58.3	12 25.0	8 16.7	8 16.7	12 25.0
35	176	63	57 90.5	63 100.0	42 66.7	63 100.0	62 98.4	51 81.0	53 84.1	61 98.4	52 82.5	61 96.8	63 100.0	62 98.4	58 92.1	54 85.7	53 84.1	51 82.3	51 82.3	38 60.3	54 87.1	40 63.5	14 22.6	7 11.3	13 21.0	13 21.0
36	546	62	60 96.8	62 100.0	51 82.3	62 100.0	62 100.0	58 93.5	53 85.5	62 100.0	59 95.2	62 100.0	61 98.4	62 100.0	57 91.9	54 87.1	47 75.8	62 100.0	62 100.0	52 83.9	61 98.4	49 79.0	12 19.4	11 17.7	12 19.4	11 17.7
37	358	56	53 94.6	56 100.0	40 71.4	56 100.0	56 100.0	54 96.4	52 92.9	56 100.0	55 98.2	56 100.0	56 100.0	56 100.0	52 92.9	49 87.5	52 92.9	52 92.9	52 92.9	48 85.7	56 100.0	40 71.4	15 26.8	15 26.8	13 23.2	14 25.0

The table displays two rows of figures for each municipality and survey unit. The upper rows indicate achieved sample sizes for each good or service. The lower rows indicate achieved sample sizes as percentages of the number of completions.

APPENDIX 2 - ACHIEVED SAMPLE SIZES FOR INDIVIDUAL GOODS AND SERVICES

MUNICIPALITIES/ SURVEY UNITS	ESTIMATED NUMBER OF HOUSEHOLDS	NUMBER OF COMPLETIONS	CAR OR TRUCK SERVICE	GROCERIES	LIBRARY	BANKING	HARDWARE	DRYCLEANING AND LAUNDRY	LIQUOR	CLOTHING AND SHOES	RESTAURANTS	DRUGS	MEDICAL DOCTOR	INSURANCE	DENTIST	LAWYER	VETERINARIAN	FURNITURE	MAJOR APPLIANCES	MOVIES	CAR OR TRUCK PURCHASE	SWIMMING POOL	FARM MACHINERY	FERTILIZER	GRAIN ELEVATORS	LIVESTOCK MARKET
38	114	43	37 86.0	43 100.0	31 72.1	43 100.0	43 100.0	40 93.0	40 93.0	43 100.0	41 95.3	42 97.7	43 100.0	43 100.0	42 97.7	35 81.4	36 83.7	41 95.3	41 95.3	28 65.1	41 95.3	26 60.5	27 62.8	28 65.1	28 65.1	23 53.5
39	58	42	40 95.2	42 100.0	10 23.8	42 100.0	41 97.6	38 90.5	38 90.5	42 100.0	39 92.9	42 100.0	41 97.6	41 97.6	42 100.0	31 73.8	24 57.1	40 95.2	40 95.2	35 83.3	40 95.2	14 33.3	28 66.7	29 69.0	29 69.0	29 69.0
40	314	54	49 90.7	54 100.0	37 68.5	53 98.1	54 100.0	41 75.9	40 74.1	53 98.1	41 75.9	53 98.1	52 96.3	53 98.1	53 98.1	36 66.7	43 79.6	39 72.2	45 83.3	27 50.0	51 94.4	26 48.1	18 33.3	22 40.7	24 44.4	22 40.7
41	97	41	39 95.1	41 100.0	21 51.2	40 97.6	40 97.6	36 87.8	30 73.2	40 97.6	35 85.4	40 97.6	40 97.6	41 100.0	40 97.6	27 65.9	39 95.1	36 87.8	38 92.7	22 53.7	39 95.1	16 39.0	27 65.9	24 58.5	28 68.3	28 68.3
42	148	36	30 83.3	36 100.0	22 61.1	36 100.0	36 100.0	33 91.7	32 88.9	36 100.0	30 83.3	34 94.4	33 91.7	35 97.2	33 91.7	26 72.2	21 58.3	34 94.4	33 91.7	19 52.8	36 100.0	15 41.7	7 19.4	6 16.7	8 22.2	7 19.4
43	103	45	33 73.3	45 100.0	28 62.2	41 91.1	44 97.8	37 82.2	34 75.6	43 95.6	36 80.0	42 93.3	43 95.6	32 71.1	42 93.3	31 68.9	35 77.8	36 80.0	36 80.0	22 48.9	36 80.0	18 40.0	30 66.7	30 66.7	30 66.7	25 55.6
44	32	21	18 85.7	21 100.0	8 38.1	20 95.2	19 90.5	14 66.7	18 85.7	19 90.5	16 76.2	21 100.0	21 100.0	21 100.0	20 95.2	19 90.5	17 81.0	17 81.0	19 90.5	12 57.1	16 76.2	11 52.4	10 47.6	8 38.1	11 52.4	11 52.4
45	88	36	28 77.8	36 100.0	23 63.9	36 100.0	35 97.2	29 80.6	32 88.9	36 100.0	35 97.2	35 97.2	36 100.0	36 100.0	35 97.2	28 77.8	26 72.2	31 86.1	34 94.4	20 55.6	33 91.7	23 63.9	16 44.4	14 38.9	15 41.7	12 33.3
46	441	57	53 93.0	56 98.2	35 61.4	57 100.0	57 100.0	49 86.0	48 84.2	56 98.2	56 98.2	56 98.2	57 100.0	57 100.0	53 93.0	45 78.9	39 68.4	53 93.0	53 93.0	42 73.7	51 89.5	32 56.1	7 12.3	6 10.5	5 8.8	8 14.0
47	799	59	50 84.7	59 100.0	49 83.1	59 100.0	59 100.0	55 93.2	48 81.4	59 100.0	58 98.3	59 100.0	59 100.0	59 100.0	59 100.0	55 93.2	55 93.2	51 86.4	54 91.5	42 71.2	58 98.3	45 76.3	13 22.0	13 22.0	10 16.9	12 20.3
48	417	59	54 91.5	59 100.0	44 74.6	59 100.0	59 100.0	51 86.4	50 84.7	56 94.9	54 91.5	57 96.6	58 98.3	58 98.3	58 98.3	46 78.0	47 79.7	51 86.4	50 84.7	41 69.5	54 91.5	42 71.2	13 22.0	11 18.6	14 23.7	10 16.9
49	321	55	46 83.6	54 98.2	32 58.2	55 100.0	54 98.2	50 90.9	45 81.8	52 94.5	49 89.1	55 100.0	54 98.2	55 100.0	52 94.5	50 90.9	52 94.5	46 83.6	44 80.0	36 65.5	44 80.0	33 60.0	12 21.8	17 30.9	17 30.9	15 27.3
50	108	54	48 88.9	54 100.0	29 53.7	53 98.1	54 100.0	46 85.2	46 85.2	52 96.3	49 90.7	52 96.3	53 98.1	53 98.1	53 98.1	46 85.2	45 83.3	51 94.4	51 94.4	40 74.1	49 90.7	28 51.9	37 68.5	37 68.5	38 70.4	31 57.4
51	152	58	44 75.9	58 100.0	44 75.9	57 98.3	57 98.3	49 84.5	51 87.9	58 100.0	53 91.4	58 100.0	58 100.0	57 98.3	57 98.3	47 81.0	52 89.7	52 89.7	52 89.7	43 74.1	53 91.4	30 51.7	41 70.7	38 65.5	41 70.7	34 58.6
52	136	54	29 53.7	54 100.0	48 88.9	54 100.0	54 100.0	28 51.9	42 77.8	52 96.3	42 77.8	52 96.3	54 100.0	53 98.1	47 87.0	40 74.1	40 74.1	42 77.8	42 77.8	33 61.1	45 83.3	37 68.5	20 37.0	18 33.3	25 46.3	29 53.7
53	73	40	36 90.0	40 100.0	22 55.0	39 97.5	40 100.0	37 92.5	34 85.0	40 100.0	34 85.0	40 100.0	40 100.0	38 95.0	37 92.5	34 85.0	33 82.5	34 85.0	37 92.5	29 72.5	39 97.5	26 65.0	28 70.0	17 42.5	19 47.5	28 70.0
54	100	40	38 95.0	39 97.5	14 35.0	40 100.0	40 100.0	34 85.0	32 80.0	39 97.5	33 82.5	39 97.5	39 97.5	38 95.0	37 92.5	30 75.0	23 57.5	37 92.5	37 92.5	23 57.5	36 90.0	18 45.0	16 40.0	16 40.0	16 40.0	12 30.0
55	118	45	43 95.6	45 100.0	22 48.9	45 100.0	44 97.8	35 77.8	44 97.8	43 97.7	36 80.0	45 100.0	45 100.0	44 97.8	45 100.0	42 93.3	29 64.4	43 97.7	44 100.0	29 64.4	44 100.0	29 64.4	24 54.5	24 54.5	23 52.3	20 45.5
56	142	47	32 68.1	47 100.0	25 53.2	47 100.0	47 100.0	28 59.6	37 78.7	47 100.0	38 80.9	47 100.0	45 95.7	47 100.0	44 93.6	43 91.5	33 70.2	40 85.1	40 85.1	32 68.1	40 85.1	29 61.7	11 23.4	15 31.9	14 29.8	13 27.7
57	205	52	48 92.3	51 98.1	47 90.4	52 100.0	51 98.1	43 82.7	41 78.8	51 98.1	45 86.5	51 98.1	52 100.0	50 96.2	50 96.2	47 90.4	35 67.3	42 80.8	42 80.8	43 82.7	44 84.6	37 71.2	8 15.4	8 15.4	8 15.4	6 11.5
58	817	61	49 80.3	61 100.0	39 63.9	61 100.0	61 100.0	55 90.2	48 78.7	61 100.0	54 88.5	59 96.7	60 98.4	61 100.0	60 98.4	56 91.8	46 75.4	51 83.6	54 88.5	33 54.1	53 86.9	36 59.0	10 16.4	10 16.4	9 14.8	7 11.5
59	115	43	39 90.7	43 100.0	26 60.5	43 100.0	43 100.0	41 95.3	39 90.7	43 100.0	43 100.0	43 100.0	43 100.0	43 100.0	38 88.4	38 88.4	29 67.4	43 100.0	43 100.0	33 76.7	40 93.0	26 60.5	13 30.2	12 27.9	11 25.6	10 23.3
60	792	59	55 93.2	59 100.0	51 86.4	59 100.0	59 100.0	58 98.3	55 93.2	57 96.6	58 98.3	59 100.0	59 100.0	58 98.3	58 98.3	58 98.3	47 79.7	58 98.3	58 98.3	51 86.4	57 96.6	38 64.4	7 11.9	6 10.2	4 6.8	6 10.2
61	64	25	23 92.0	25 100.0	20 80.0	25 100.0	24 96.0	25 100.0	23 92.0	25 100.0	24 96.0	25 100.0	24 96.0	25 100.0	25 100.0	22 88.0	20 80.0	24 96.0	25 100.0	22 88.0	24 96.0	20 80.0	17 68.0	18 72.0	19 76.0	16 64.0
62	92	41	34 82.9	41 100.0	22 53.7	41 100.0	41 100.0	35 85.4	35 85.4	41 100.0	33 80.5	41 100.0	41 100.0	40 97.6	37 90.2	29 70.7	34 82.9	38 92.7	38 92.7	21 51.2	37 90.2	19 46.3	30 73.2	31 75.6	32 78.0	26 63.4
63	110	34	28 82.4	34 100.0	20 58.8	32 94.1	33 97.1	26 76.5	31 91.2	33 100.0	24 70.6	34 100.0	34 100.0	32 94.1	29 85.3	25 73.5	31 91.2	24 72.7	28 84.8	22 64.7	29 87.9	17 50.0	26 78.8	25 75.8	16 48.5	19 57.6

The table displays two rows of figures for each municipality and survey unit. The upper rows indicate achieved sample sizes for each good or service. The lower rows indicate achieved sample sizes as percentages of the number of completions.

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MUNICIPALITIES/ SURVEY UNITS	ESTIMATED NUMBER OF HOUSEHOLDS	NUMBER OF COMPLETIONS	CAR OR TRUCK SERVICE	GROCERIES	LIBRARY	BANKING	HARDWARE	DRYCLEANING AND LAUNDRY	LIQUOR	CLOTHING AND SHOES	RESTAURANTS	DRUGS	MEDICAL DOCTOR	INSURANCE	DENTIST	LAWYER	VETERINARIAN	FURNITURE	MAJOR APPLIANCES	MOVIES	CAR OR TRUCK PURCHASE	SWIMMING POOL	FARM MACHINERY	FERTILIZER	GRAIN ELEVATORS	LIVESTOCK MARKET
64	95	43	40 93.0	43 100.0	29 67.4	43 100.0	42 97.7	39 90.7	31 72.1	43 100.0	36 83.7	43 100.0	43 100.0	43 100.0	42 97.7	40 93.0	33 76.7	36 83.7	41 95.3	26 60.5	41 95.3	33 76.7	23 53.5	22 51.2	27 62.8	25 58.1
65	121	43	42 97.7	43 100.0	21 48.8	43 100.0	43 100.0	38 88.4	41 95.3	43 100.0	38 88.4	43 100.0	43 100.0	43 100.0	42 97.7	40 93.0	34 79.1	40 93.0	43 100.0	22 51.2	43 100.0	23 53.5	34 79.1	34 79.1	33 76.7	24 55.8
66	90	48	34 70.8	48 100.0	19 39.6	48 100.0	48 100.0	33 68.8	41 85.4	48 100.0	39 81.3	48 100.0	47 97.9	46 95.8	44 91.7	41 85.4	26 54.2	42 87.5	42 87.5	24 50.0	43 89.6	22 45.8	28 58.3	29 60.4	31 64.6	13 27.1
67	90	25	25 100.0	25 100.0	19 76.0	25 100.0	25 100.0	22 88.0	22 88.0	25 100.0	20 80.0	25 100.0	25 100.0	25 100.0	23 92.0	23 92.0	21 84.0	25 100.0	25 100.0	14 56.0	25 100.0	18 72.0	15 60.0	15 60.0	15 60.0	12 48.0
68	260	56	51 91.1	56 100.0	38 67.9	56 100.0	55 98.2	52 92.9	50 89.3	56 100.0	52 92.9	55 98.2	56 100.0	55 98.2	53 94.6	47 83.9	36 64.3	54 96.4	53 94.6	44 78.6	52 92.9	39 69.6	9 16.1	8 14.3	8 14.3	4 7.1
69	363	56	49 87.5	56 100.0	35 62.5	56 100.0	56 100.0	53 94.6	51 91.1	56 100.0	52 92.9	55 98.2	56 100.0	56 100.0	54 96.4	55 98.2	39 69.6	42 75.0	43 76.8	37 66.1	53 94.6	35 62.5	5 8.9	6 10.7	4 7.1	5 8.9
70	34	18	15 83.3	18 100.0	8 44.4	18 100.0	18 100.0	16 88.9	12 66.7	18 100.0	17 94.4	17 94.4	18 100.0	18 100.0	18 100.0	18 100.0	14 77.8	17 94.4	17 94.4	12 66.7	18 100.0	9 50.0	7 38.9	8 44.4	11 61.1	4 22.2
71	80	42	34 81.0	42 100.0	28 66.7	42 100.0	41 97.6	38 90.5	35 83.3	42 100.0	39 92.9	42 100.0	42 100.0	42 100.0	40 95.2	36 85.7	35 83.3	40 95.2	40 95.2	29 69.0	40 95.2	22 52.4	33 78.6	36 85.7	35 83.3	20 47.6
72	90	40	34 85.0	40 100.0	29 72.5	40 100.0	38 95.0	35 87.5	29 72.5	39 100.0	35 87.5	40 100.0	40 100.0	39 97.5	38 95.0	34 85.0	34 85.0	34 87.2	35 89.7	26 65.0	38 97.4	26 65.0	21 53.8	22 56.4	21 53.8	18 46.2
73	139	44	43 97.7	44 100.0	30 68.2	44 100.0	44 100.0	42 95.5	34 77.3	44 100.0	40 90.9	44 100.0	44 100.0	43 97.7	44 100.0	36 81.8	41 93.2	41 93.2	39 88.6	25 56.8	42 95.5	31 70.5	27 61.4	25 56.8	22 50.0	25 56.8
74	108	47	44 93.6	47 100.0	33 70.2	47 100.0	47 100.0	39 83.0	38 80.9	47 100.0	36 76.6	47 100.0	46 97.9	47 100.0	45 95.7	37 78.7	38 80.9	44 93.6	44 93.6	28 59.6	46 97.9	24 51.1	33 70.2	29 61.7	31 66.0	28 59.6
75	42	23	23 100.0	23 100.0	11 47.8	23 100.0	23 100.0	21 91.3	22 95.7	23 100.0	17 73.9	23 100.0	23 100.0	23 100.0	23 100.0	21 91.3	18 78.3	23 100.0	23 100.0	16 69.6	21 91.3	10 43.5	17 73.9	17 73.9	17 73.9	13 56.5
76	81	42	32 76.2	42 100.0	25 59.5	42 100.0	39 92.9	27 64.3	34 81.0	42 100.0	27 64.3	41 97.6	40 95.2	41 97.6	38 90.5	34 81.0	26 61.9	38 90.5	38 90.5	27 64.3	39 92.9	24 57.1	22 52.4	22 52.4	24 57.1	12 28.6
77	91	40	40 100.0	40 100.0	26 65.0	40 100.0	40 100.0	36 90.0	34 85.0	39 97.5	34 85.0	40 100.0	40 100.0	39 97.5	36 90.0	34 85.0	27 67.5	39 97.5	38 95.0	21 52.5	39 97.5	17 42.5	21 52.5	20 50.0	22 55.0	13 32.5
78	302	55	47 85.5	55 100.0	34 61.8	55 100.0	53 96.4	45 81.8	43 78.2	55 100.0	44 80.0	55 100.0	55 100.0	55 100.0	50 90.9	46 83.6	39 70.9	47 85.5	49 89.1	35 63.6	52 94.5	31 56.4	14 25.5	11 20.0	12 21.8	4 7.3
79	624	40	29 72.5	40 100.0	20 50.0	40 100.0	40 100.0	27 67.5	34 85.0	40 100.0	37 92.5	40 100.0	39 97.5	38 95.0	34 85.0	34 85.0	17 42.5	33 82.5	33 82.5	33 82.5	32 80.0	24 60.0	3 7.5	6 15.0	6 15.0	2 5.0
80	37	21	16 76.2	21 100.0	12 57.1	21 100.0	21 100.0	21 100.0	16 76.2	20 100.0	21 100.0	21 100.0	21 100.0	21 100.0	21 100.0	18 85.7	13 61.9	17 85.0	20 100.0	14 66.7	17 85.0	10 47.6	8 40.0	7 35.0	9 45.0	5 25.0
81	302	68	52 76.5	68 100.0	49 72.1	68 100.0	68 100.0	65 95.6	58 85.3	68 100.0	62 91.2	68 100.0	68 100.0	67 98.5	68 100.0	66 97.1	47 69.1	63 92.6	64 94.1	43 63.2	67 98.5	49 72.1	14 20.6	14 20.6	12 17.6	11 16.2
82	119	43	37 86.0	43 100.0	33 76.7	43 100.0	43 100.0	42 97.7	30 69.8	43 100.0	41 95.3	43 100.0	43 10.0	43 100.0	41 95.3	41 95.3	40 93.0	41 95.3	43 100.0	27 62.8	43 100.0	38 88.4	26 60.5	24 55.8	22 51.2	20 46.5
83	114	46	44 95.7	46 100.0	32 69.6	46 100.0	46 100.0	40 87.0	42 91.3	46 100.0	44 95.7	46 100.0	46 100.0	46 100.0	45 97.8	36 78.3	43 93.5	43 93.5	45 97.8	39 84.8	44 95.7	35 76.1	32 69.6	29 63.0	25 54.3	28 60.9
84	585	50	48 96.0	50 100.0	46 92.0	50 100.0	49 98.0	49 98.0	45 90.0	50 100.0	50 100.0	49 98.0	49 98.0	50 100.0	46 92.0	37 74.0	39 78.0	50 100.0	50 100.0	43 86.0	46 92.0	41 82.0	6 12.0	6 12.0	4 8.0	6 12.0
85	39	17	14 82.4	17 100.0	12 70.6	17 100.0	17 100.0	12 70.6	14 82.4	17 100.0	12 70.6	16 94.1	17 100.0	17 100.0	15 88.2	12 70.6	12 70.6	15 88.2	14 82.4	9 52.9	17 100.0	9 52.9	6 35.3	6 35.3	5 29.4	7 41.2
86	140	52	47 90.4	52 100.0	33 63.5	51 98.1	51 98.1	44 84.6	43 82.7	52 100.0	47 90.4	51 98.1	52 100.0	51 98.1	50 96.2	48 92.3	40 76.9	51 98.1	51 98.1	41 78.8	49 94.2	38 73.1	12 23.1	10 19.2	12 23.1	12 23.1
87	179	48	38 79.2	48 100.0	32 66.7	48 100.0	48 100.0	43 89.6	43 89.6	48 100.0	43 89.6	48 100.0	48 100.0	47 97.9	47 97.9	44 91.7	33 68.8	46 95.8	46 95.8	37 77.1	46 95.8	34 70.8	10 20.8	9 18.8	10 20.8	6 12.5
88	207	53	47 88.7	53 100.0	38 71.7	52 98.1	53 100.0	51 96.2	48 90.6	53 100.0	49 92.5	52 98.1	53 100.0	53 100.0	52 98.1	51 96.2	39 73.6	52 98.1	52 98.1	45 84.9	52 98.1	42 79.2	26 49.1	23 43.4	23 43.4	13 24.5
89	31	22	20 90.9	22 100.0	19 86.4	22 100.0	22 100.0	21 95.5	19 86.4	21 95.5	20 90.9	22 100.0	20 90.9	22 100.0	22 100.0	22 100.0	19 86.4	19 86.4	20 90.9	19 86.4	21 95.5	17 77.3	10 45.5	10 45.5	10 45.5	5 22.7

The table displays two rows of figures for each municipality and survey unit. The upper rows indicate achieved sample sizes for each good or service. The lower rows indicate achieved sample sizes as percentages of the number of completions.

APPENDIX 2 - ACHIEVED SAMPLE SIZES FOR INDIVIDUAL GOODS AND SERVICES

MUNICIPALITIES/ SURVEY UNITS	ESTIMATED NUMBER OF HOUSEHOLDS	NUMBER OF COMPLETIONS	CAR OR TRUCK SERVICE	GROCERIES	LIBRARY	BANKING	HARDWARE	DRYCLEANING AND LAUNDRY	LIQUOR	CLOTHING AND SHOES	RESTAURANTS	DRUGS	MEDICAL DOCTOR	INSURANCE	DENTIST	LAWYER	VETERINARIAN	FURNITURE	MAJOR APPLIANCES	MOVIES	CAR OR TRUCK PURCHASE	SWIMMING POOL	FARM MACHINERY	FERTILIZER	GRAIN ELEVATORS	LIVESTOCK MARKET
90	86	30	29 96.7	30 100.0	20 66.7	30 100.0	30 100.0	30 100.0	22 73.3	30 100.0	29 96.7	30 100.0	30 100.0	30 100.0	27 90.0	30 100.0	16 53.3	28 93.3	28 93.3	18 60.0	25 83.3	17 56.7	9 30.0	9 30.0	10 33.3	6 20.0
91	1245	62	53 85.5	62 100.0	57 91.9	62 100.0	59 95.2	59 95.2	54 87.1	62 100.0	55 88.7	58 93.5	61 98.4	62 100.0	61 98.4	58 93.5	41 66.1	54 87.1	56 90.3	46 74.2	50 80.6	50 80.6	4 6.5	4 6.5	4 6.5	1 1.6
92	394	73	58 79.5	73 100.0	50 68.5	73 100.0	73 100.0	50 68.5	67 91.8	73 100.0	58 79.5	73 100.0	73 100.0	72 98.6	68 93.2	66 90.4	42 57.5	60 82.2	60 82.2	56 76.7	60 82.2	43 58.9	9 12.3	11 15.1	10 13.7	9 12.3
93	286	56	54 96.4	56 100.0	36 64.3	56 100.0	54 96.4	50 89.3	51 91.1	56 100.0	50 89.3	56 100.0	56 100.0	56 100.0	56 100.0	50 89.3	40 71.4	55 98.2	56 100.0	42 75.0	55 98.2	42 75.0	23 41.1	22 39.3	18 32.1	21 37.5
94	153	47	45 95.7	47 100.0	37 78.7	47 100.0	47 100.0	39 83.0	34 72.3	47 100.0	44 93.6	46 97.9	47 100.0	47 100.0	47 100.0	43 91.5	42 89.4	47 100.0	47 100.0	39 83.0	43 91.5	37 78.7	32 68.1	27 57.4	24 51.1	29 61.7
95	91	51	44 86.3	51 100.0	35 68.6	51 100.0	49 96.1	42 82.4	34 66.7	49 96.1	44 86.3	49 96.1	46 90.2	50 98.0	45 88.2	44 86.3	43 84.3	42 82.4	48 94.1	33 64.7	44 86.3	31 60.8	25 49.0	23 45.1	26 51.0	24 47.1
96	60	39	33 84.6	39 100.0	22 56.4	39 100.0	39 100.0	35 89.7	37 94.9	37 94.9	28 71.8	37 94.9	37 94.9	38 97.4	36 92.3	31 79.5	30 76.9	32 82.1	30 76.9	18 46.2	37 94.9	20 51.3	17 43.6	27 69.2	28 71.8	19 48.7
97	115	30	29 96.7	30 100.0	26 86.7	30 100.0	30 100.0	29 96.7	25 83.3	29 96.7	28 93.3	30 100.0	29 96.7	30 100.0	28 93.3	27 90.0	26 86.7	30 100.0	30 100.0	26 86.7	27 90.0	26 86.7	19 63.3	17 56.7	16 53.3	17 56.7
98	108	23	17 73.9	23 100.0	18 78.3	23 100.0	23 100.0	15 65.2	19 82.6	23 100.0	16 69.6	23 100.0	23 100.0	23 100.0	21 91.3	16 69.6	16 69.6	22 95.7	22 95.7	15 65.2	20 87.0	16 69.6	14 60.9	14 60.9	14 60.9	5 21.7
99	121	39	32 82.1	39 100.0	20 51.3	39 100.0	39 100.0	32 82.1	31 79.5	39 100.0	32 82.1	39 100.0	39 100.0	37 94.9	37 94.9	28 71.8	24 61.5	39 100.0	39 100.0	17 43.6	38 97.4	22 56.4	32 82.1	27 69.2	29 74.4	7 17.9
100	146	44	44 100.0	44 100.0	35 79.5	44 100.0	44 100.0	42 95.5	44 100.0	44 100.0	42 95.5	44 100.0	44 100.0	44 100.0	44 100.0	41 93.2	32 72.7	44 100.0	44 100.0	33 75.0	39 88.6	35 79.5	11 25.0	11 25.0	10 22.7	5 11.4
101	230	55	46 83.6	55 100.0	43 78.2	55 100.0	55 100.0	53 96.4	45 81.8	55 100.0	50 90.9	55 100.0	54 98.2	54 98.2	51 92.7	49 89.1	41 74.5	47 85.5	46 83.6	36 65.5	46 83.6	39 70.9	20 36.4	19 34.5	22 40.0	12 21.8
102	504	70	55 78.6	70 100.0	51 72.9	70 100.0	70 100.0	59 84.3	64 91.4	70 100.0	66 94.3	68 97.1	69 98.6	70 100.0	66 94.3	63 90.0	51 72.9	65 92.9	66 94.3	47 67.1	68 97.1	53 75.7	17 24.3	16 22.9	8 11.4	11 15.7
103	1267	85	74 87.1	85 100.0	72 84.7	85 100.0	85 100.0	74 87.1	75 88.2	85 100.0	76 89.4	82 96.5	84 98.8	85 100.0	81 95.3	75 88.2	65 76.5	74 87.1	76 89.4	59 69.4	79 92.9	61 71.8	7 8.2	6 7.1	4 4.7	7 8.2
104	551	59	51 86.4	59 100.0	48 81.4	59 100.0	59 100.0	50 84.7	52 88.1	58 98.3	54 91.5	59 100.0	59 100.0	59 100.0	58 98.3	58 98.3	46 78.0	42 71.2	52 88.1	43 72.9	57 96.6	43 72.9	10 16.9	7 11.9	5 8.5	11 18.6
105	209	55	50 90.9	55 100.0	34 61.8	55 100.0	54 98.2	44 80.0	40 72.7	54 100.0	48 87.3	53 96.4	54 98.2	53 96.4	51 92.7	50 90.9	42 76.4	54 100.0	53 98.1	38 69.1	48 88.9	31 56.4	20 37.0	17 31.5	15 27.8	18 33.3
106	144	49	46 93.9	49 100.0	11 22.4	49 100.0	49 100.0	42 85.7	48 98.0	49 100.0	48 98.0	49 100.0	49 100.0	49 100.0	48 98.0	35 71.4	25 51.0	48 98.0	48 98.0	42 85.7	46 93.9	14 28.6	45 91.8	42 85.7	43 87.8	46 93.9
107	4[illegible]	29	28 96.6	29 100.0	21 72.4	29 100.0	29 100.0	28 96.6	25 86.2	29 100.0	29 100.0	29 100.0	29 100.0	29 100.0	29 100.0	28 96.6	22 75.9	29 100.0	29 100.0	21 72.4	28 96.6	18 62.1	18 62.1	19 65.5	18 62.1	20 69.0
108	233	51	37 72.5	51 100.0	25 49.0	51 100.0	51 100.0	47 92.2	35 68.6	50 98.0	39 76.5	51 100.0	51 100.	51 100.0	45 88.2	41 80.4	34 66.7	43 84.3	44 86.3	14 27.5	41 80.4	24 47.1	12 23.5	24 47.1	23 45.1	22 43.1
109	59	33	25 75.8	33 100.0	19 57.6	33 100.0	33 100.0	28 84.8	27 81.8	30 90.9	22 66.7	33 100.0	30 90.9	32 97.0	29 87.9	27 81.8	24 72.7	22 66.7	26 78.8	18 54.5	31 93.9	20 60.6	14 42.4	23 69.7	27 81.8	10 30.3
110	79	40	33 82.5	40 100.0	26 65.0	40 100.0	39 97.5	33 82.5	38 95.0	40 100.0	33 82.5	39 97.5	39 97.5	40 100.0	39 97.5	32 80.0	35 87.5	37 92.5	33 82.5	23 57.5	34 85.0	24 60.0	29 72.5	29 72.5	33 82.5	25 62.5
111	68	51	48 94.1	50 98.0	24 47.1	51 100.0	50 98.0	44 86.3	42 82.4	50 100.0	47 92.2	51 100.0	50 98.0	51 100.0	49 96.1	42 82.4	34 66.7	46 92.0	46 92.0	29 56.9	42 84.0	20 39.2	19 38.0	16 32.0	13 26.0	15 30.0
112	63	35	27 77.1	35 100.0	26 74.3	35 100.0	35 100.0	34 97.1	30 85.7	35 100.0	28 80.0	35 100.0	35 100.0	35 100.0	34 97.1	31 88.6	30 85.7	28 80.0	32 91.4	22 62.9	30 85.7	25 71.4	12 34.3	9 25.7	15 42.9	11 31.4
113	140	45	38 84.4	44 97.8	35 77.8	45 100.0	44 97.8	41 91.1	38 84.4	44 97.8	41 91.1	45 100.0	45 100.0	43 95.6	44 97.8	39 86.7	30 66.7	40 88.9	40 88.9	32 71.1	41 91.1	35 77.8	25 55.6	24 53.3	22 48.9	17 37.8
114	246	51	42 82.4	51 100.0	40 78.4	51 100.0	50 98.0	45 88.2	47 92.2	51 100.0	45 88.2	50 98.0	51 100.0	51 100.0	49 96.1	46 90.2	38 74.5	51 100.0	50 98.0	38 74.5	49 96.1	39 76.5	19 37.3	20 39.2	20 39.2	13 25.5
115	456	49	46 93.9	49 100.0	35 71.4	49 100.0	49 100.0	49 100.0	43 87.8	49 100.0	46 93.9	49 100.0	49 100.0	48 98.0	47 95.9	49 100.0	42 85.7	48 98.0	48 98.0	35 71.4	48 98.0	35 71.4	4 8.2	3 6.1	2 4.1	5 10.2

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APPENDIX 2 - ACHIEVED SAMPLE SIZES FOR INDIVIDUAL GOODS AND SERVICES

MUNICIPALITIES/ SURVEY UNITS	ESTIMATED NUMBER OF HOUSEHOLDS	NUMBER OF COMPLETIONS	CAR OR TRUCK SERVICE	GROCERIES	LIBRARY	BANKING	HARDWARE	DRYCLEANING AND LAUNDRY	LIQUOR	CLOTHING AND SHOES	RESTAURANTS	DRUGS	MEDICAL DOCTOR	INSURANCE	DENTIST	LAWYER	VETERINARIAN	FURNITURE	MAJOR APPLIANCES	MOVIES	CAR OR TRUCK PURCHASE	SWIMMING POOL	FARM MACHINERY	FERTILIZER	GRAIN ELEVATORS	LIVESTOCK MARKET
116	733	63	54 85.7	63 100.0	54 85.7	62 98.4	63 100.0	51 81.0	53 84.1	63 100.0	57 90.5	63 100.0	63 100.0	62 98.4	57 90.5	60 95.2	53 84.1	50 79.4	57 90.5	45 71.4	59 93.7	47 74.6	5 7.9	6 9.5	2 3.2	7 11.1
117	115	60	48 80.0	60 100.0	45 75.0	60 100.0	60 100.0	55 91.7	56 93.3	59 100.0	53 88.3	60 100.0	60 100.0	59 98.3	58 96.7	50 83.3	53 88.3	57 96.6	57 96.6	42 70.0	57 96.6	40 66.7	17 28.8	10 16.9	6 10.2	13 22.0
118	17	12	12 100.0	12 100.0	7 58.3	12 100.0	12 100.0	9 75.0	7 58.3	12 100.0	6 50.0	12 100.0	12 100.0	12 100.0	11 91.7	8 66.7	10 83.3	12 100.0	12 100.0	3 25.0	10 83.3	7 58.3	5 41.7	3 25.0	3 25.0	6 50.0
119	172	47	41 87.2	47 100.0	42 89.4	47 100.0	47 100.0	44 93.6	38 80.9	47 100.0	41 87.2	47 100.0	47 100.0	47 100.0	45 95.7	42 89.4	40 85.1	42 89.4	43 91.5	34 72.3	43 91.5	27 57.4	15 31.9	11 23.4	15 31.9	14 29.8
120	54	31	27 87.1	31 100.0	18 58.1	31 100.0	31 100.0	24 77.4	28 90.3	31 100.0	22 71.0	31 100.0	31 100.0	30 96.8	30 96.8	26 83.9	26 83.9	30 96.8	30 96.8	13 41.9	30 96.8	20 64.5	26 83.9	25 80.6	26 83.9	20 64.5
121	105	42	37 88.1	42 100.0	36 85.7	42 100.0	42 100.0	36 85.7	32 76.2	42 100.0	28 66.7	39 92.9	41 97.6	41 97.6	39 92.9	31 73.8	30 71.4	39 92.9	39 92.9	30 71.4	37 88.1	22 52.4	13 31.0	12 28.6	14 33.3	12 28.6
122	38	29	25 86.2	29 100.0	17 58.6	29 100.0	28 96.6	23 79.3	20 69.0	27 93.1	21 72.4	29 100.0	29 100.0	27 93.1	28 96.6	22 75.9	19 65.5	26 89.7	25 86.2	16 55.2	25 86.2	13 44.8	19 65.5	21 72.4	21 72.4	14 48.3
123	91	40	34 85.0	40 100.0	25 62.5	40 100.0	39 97.5	36 90.0	32 80.0	39 97.5	33 82.5	40 100.0	40 0100.0	38 95.	37 92.5	30 75.0	29 72.5	33 82.5	35 87.5	19 47.5	38 95.0	26 65.0	29 72.5	27 67.5	27 67.5	20 50.0
124	388	56	52 92.9	56 100.0	45 80.4	56 100.0	56 100.0	54 96.4	51 91.1	55 100.0	49 87.5	56 100.0	56 100.0	55 98.2	55 98.2	41 73.2	34 60.7	54 98.2	55 100.0	45 80.4	54 98.2	45 80.4	10 18.2	12 21.8	10 18.2	7 12.7
125	23	18	17 94.4	18 100.0	16 88.9	17 94.4	18 100.0	15 83.3	15 83.3	17 94.4	15 83.3	18 100.0	18 100.0	17 94.4	18 100.0	15 83.3	16 88.9	16 88.9	16 88.9	11 61.1	13 72.2	14 77.8	8 44.4	4 22.2	5 27.8	8 44.4
126	188	81	63 77.8	81 100.0	44 54.3	81 100.0	80 98.8	72 88.9	69 85.2	80 98.8	69 85.2	78 96.3	79 97.5	79 97.5	74 91.4	66 81.5	61 75.3	74 91.4	74 91.4	60 74.1	72 88.9	46 56.8	22 27.2	9 11.1	2 2.5	13 16.0
127	62	22	18 81.8	22 100.0	14 63.6	22 100.0	21 95.5	15 68.2	18 81.8	22 100.0	14 63.6	22 100.0	22 100.0	22 100.0	22 100.0	12 54.5	11 50.0	20 90.9	19 86.4	15 68.2	21 95.5	13 59.1	11 50.0	12 54.5	12 54.5	8 36.4
128	65	37	37 100.0	37 100.0	13 35.1	37 100.0	37 100.0	36 97.3	32 86.5	36 97.3	32 86.5	36 97.3	37 100.0	36 97.3	37 100.0	32 86.5	21 56.8	34 91.9	34 91.9	16 43.2	28 75.7	13 35.1	27 73.0	25 67.6	25 67.6	13 35.1
COLUMN TOTAL	61023	8542 100.0	7474 87.5	8527 99.8	6176 72.3	8510 99.6	8457 99.0	7502 87.8	7371 86.3	8457 99.2	7552 88.4	8431 98.7	8432 98.7	8398 98.3	8116 95.0	7058 82.6	5955 69.7	7783 91.3	7883 92.5	6095 71.4	7924 93.0	5718 66.9	2149 25.2	2041 23.9	2052 24.1	1876 22.0

The table displays two rows of figures for each municipality and survey unit. The upper rows indicate achieved sample sizes for each good or service. The lower rows indicate achieved sample sizes as percentages of the number of completions.

E.M.R.P.C. MARKET AREAS SURVEY

MAP 2B SURVEY UNIT CODES